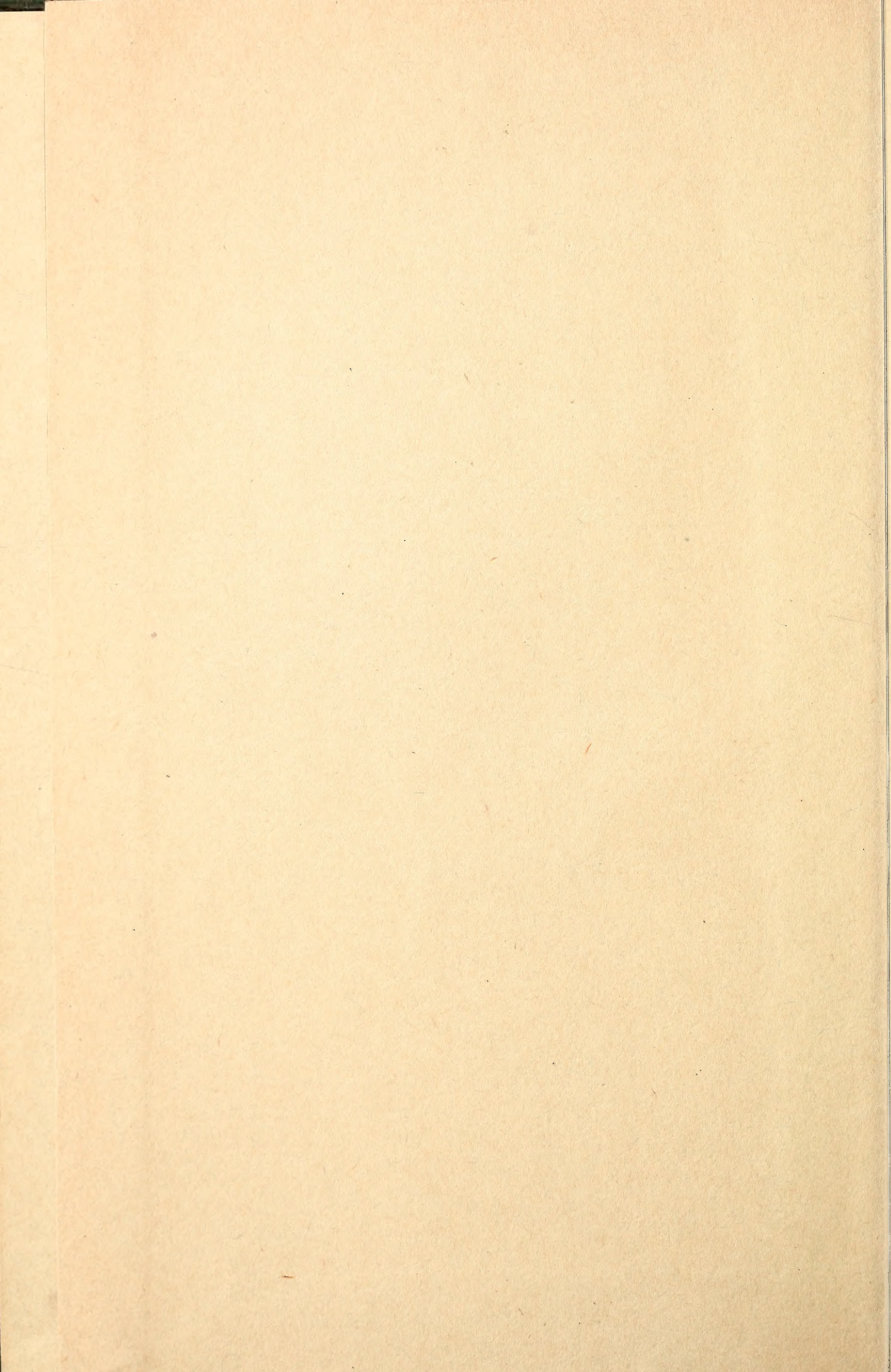
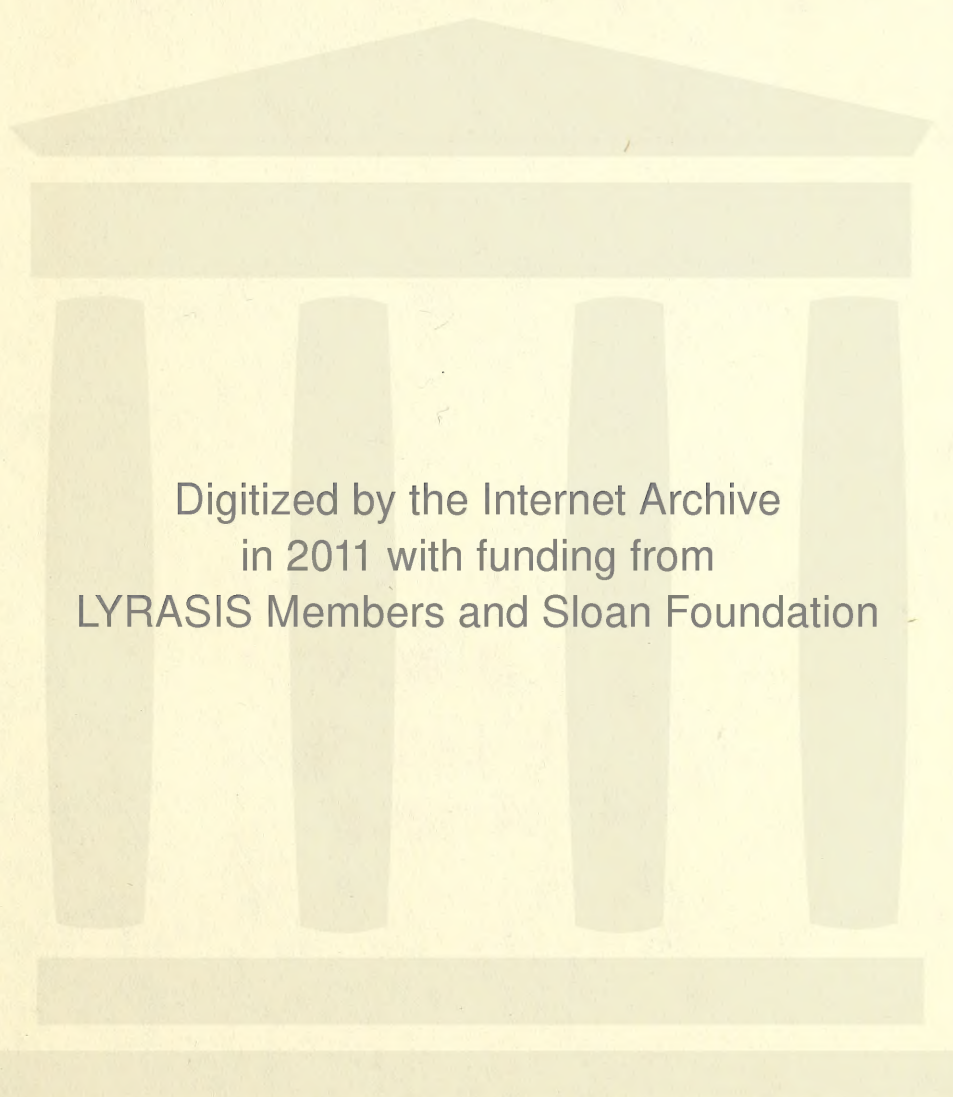


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Bethany College
B U L L E T I N

382
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CATALOGUE

N U M B E R

1940-1941

^{TO}
1943-1944

BETHANY, WEST VIRGINIA

BETHANY COLLEGE BULLETIN

Vol XXXIII

March, 1940

No. 3

Entered as second class matter at Bethany Post Office, Bethany, W. Va. Accepted for mailing at special rate of postage provided for in Sec. 1108, Act of October 3, 1917, authorized August 2, 1918.

Published every month except July and August by Bethany College, Bethany, W. Va.

CATALOGUE

1940-1941

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Statement
of
Purpose, Program, and Facilities
at
Bethany College
Bethany, West Virginia
with
Curricular Announcements
for
1940-1941

~

CHARTERED IN 1840 BY THE STATE OF VIRGINIA

BEQUESTS

Gifts to the college may take the form of lectureships, of scholarships, of professorships, of additions to the material equipment, or of contributions to the permanent endowment fund or the current expense fund of the college. Special conditions may, of course, be attached to any gift. Forms of bequests are suggested as follows:

A. UNRESTRICTED BEQUEST

I give, devise, and bequeath to the trustees of the Bethany College, a corporation established by law at Bethany in the Commonwealth of West Virginia, the sum of _____ dollars, to be applied to the general uses and purposes of the said institution.

B. UNRESTRICTED BEQUEST MAKING THE COLLEGE RESIDUARY LEGATEE

All the rest, residue, and remainder of my estate, real and personal, I devise and bequeath to the Trustees of the Bethany College, a corporation established by law at Bethany in the Commonwealth of West Virginia, to be applied to the general uses and purposes of the said institution.

C. BEQUEST FOR ENDOWMENT

I give, devise, and bequeath to the trustees of the Bethany College, a corporation established by law at Bethany in the Commonwealth of West Virginia, the sum of _____ dollars to be invested and preserved inviolably for the endowment of Bethany College.

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1940

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1941

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COLLEGE CALENDAR

1940

- September 11 to 13, Wednesday to Friday—Seminar for Faculty on Teaching and Counseling Methods.
- September 15 to 19, Sunday to Thursday—"Freshman Week."
(College facilities not open to upperclassmen until Thursday, September 19).
- September 19, Thursday morning—Registration for freshmen.
Thursday afternoon—Registration for sophomores, juniors, and seniors.
- September 20, Friday—All courses begin; achievement tests for students anticipating subject matter.
- September 25, Wednesday—Formal Convocation.
- November 9, Saturday—Fall Home-Coming.
- November 5, Tuesday—Election Day. Not a college holiday.
- November 16, Saturday—Mid-Semester grade reports.
- November 21, Thursday—Thanksgiving Day. A college holiday.
- December 21, Saturday, 12:00 Noon—Christmas vacation begins.

1941

- January 6, Monday, 8:00 A.M.—Christmas vacation ends.
- January 11, Saturday—Last day for filing application for degrees to be conferred in June.
- January 20 to 24, Monday to Friday—First semester examinations.
- January 28, Tuesday—Registration for second semester.
- January 29, Wednesday—All courses begin; achievement and ability tests for second semester entrants.
- February 22, Saturday—Washington's Birthday. Not a college holiday.
- March 14 and 15, Friday and Saturday—Spring Home-Coming.
- March 29, Saturday—Mid-Semester grade reports.
- April 5, Saturday, Noon—Spring vacation begins.
- April 14, Monday, Noon—Spring vacation ends.
- May 5 and 6, Monday and Tuesday—Sophomore General Examinations.
- May 10, Saturday—Competitive Scholarship Examination for high school seniors.
- May 11, Sunday—Mother's Day.
- May 12, Monday—Reading period for seniors begins.
- May 17, Saturday—Pre-College Guidance Day for high school seniors.
- May 19, Monday—Advance enrollment for 1941-1942 to be completed.
- May 26, Monday—Last day for filing applications for scholarships and fellowships for 1941-1942.
- May 31, Saturday—Pre-College Guidance Day for high school seniors.
- June 2 to 6, Monday to Friday—Second semester examinations.
- June 6, Friday—Laboratories, Library and Gymnasium close.
- June 7, Saturday—Annual Meeting of Board of Trustees.
- June 8, Sunday—Baccalaureate Service and President's Reception.
- June 9, Monday—Annual Commencement.

BOARD OF TRUSTEES

TERM EXPIRES JUNE, 1942

THOMAS W. PHILLIPS, JR.	Butler, Pa.
W. E. PIERCE	Moundsville, W. Va.
JOHN M. SMITH	4044 Washington Blvd., Indianapolis, Ind.
OLIVER C. VODREY	East Liverpool, Ohio
BEN S. JOHNSON	333 Hancock, St., Bluefield, W. Va.
R. A. BALDERSON	Farmers Nat'l Bank Bldg., Pittsburgh, Pa.
JOHN MARSHALL	701 Union Trust Bldg., Washington, D. C.
FRANK J. KENT	233 Broadway, New York, N. Y.
MRS. WALTER M. HAUSHALTER	Baltimore, Md.

TERM EXPIRES JUNE, 1941

W. H. FIELDS	843 Main St., Wheeling, W. Va.
W. W. VAN HORN	Shelby, Ohio
W. F. FREDERICK	Uniontown, Pa.
ARGYLE CAMPBELL	Buckingham Bldg., Chicago, Ill.
W. S. WILKIN	Wellsburg, W. Va.
MISS IDA M. IRVIN	Big Run, Pa.
F. O. CARFER	55 Delwood Rd., Kenmore, N. Y.
DR. R. R. RENNER	12825 Euclid Ave., Cleveland, Ohio
H. O. EVANS	Oliver Bldg., Pittsburgh, Pa.

TERM EXPIRES JUNE, 1940

HON. BENNETT CHAMP CLARK	Senate Office Bldg., Washington, D. C.
GEORGE A. WADDLE	1144 East Market St., Akron, Ohio
BEN W. IRVIN	Big Run, Pa.
HERSCHEL C. OGDEN	c/o Wheeling Intelligencer, Wheeling, W. Va.
S. J. RENO	151 Oneida St., Pittsburgh, Pa.
J. C. MORRIS	Shelby, Ohio
ALFRED E. WRIGHT	302 Fayette Title & Trust Bldg., Uniontown, Pa.
DR. J. PARKE McMULLEN	Wellsburg, W. Va.
JAMES H. R. CROMWELL	630 Fifth Ave., New York, N. Y.

Faculty Representative for 1940-1941: Professor Pearl Mahaffey

OFFICERS OF THE BOARD

W. S. WILKIN, *Chairman*

W. H. CRAMBLET, *President and Treasurer*

N. W. EVANS, *Secretary*

STANDING COMMITTEES OF THE BOARD

EXECUTIVE:

Mr. Wilkin, Mr. Campbell, Mr. Evans, Dr. McMullen, Mr. Phillips, Mr. Van Horn, Mr. Waddle, and Mr. Wright.
Mr. F. H. Kirkpatrick, Secretary.

ALUMNI COOPERATION:

Mr. Carfer, Mrs. Haushalter, and Mr. Smith.

BUILDINGS AND GROUNDS:

Mr. Phillips, Mr. Campbell, Mrs. Haushalter, Mr. Smith, and Mr. Waddle.

CENTENARY OF THE COLLEGE:

Mr. Waddle, Mr. Evans, Mr. Marshall, and Mr. Wilkin.

CHURCH COOPERATION:

Mr. Morris, Miss Irvin, Mr. Johnson, Mr. Carfer, and Mr. Pierce.

FINANCE AND BUDGET:

Dr. McMullen, Mr. Van Horn, Mrs. Wright, and Mr. Wilkin.

INVESTMENT:

Mr. Wright and President Cramblet.

LIBRARY:

Dr. Renner, Miss Irvin, Mr. Reno, and Mr. Wilkin.

NOMINATIONS:

Mr. Marshall, Mr. Morris, Dr. McMullen, and Mr. Vodrey.

STUDENT WELFARE:

Mr. Wilkin, Mr. Cromwell, Mr. Marshall, Mrs. Haushalter, and Dr. Renner.

OFFICERS OF ADMINISTRATION

WILBUR HAVERFIELD CRAMBLET.....	<i>President of the College</i>
WILLIAM KIRK WOOLERY.....	<i>Provost</i>
BERNAL ROBINSON WEIMER.....	<i>Dean of the Faculty</i>
FORREST HUNTER KIRKPATRICK.....	<i>Dean of Students</i>
FLORENCE MARIAN HOAGLAND.....	<i>Academic Adviser for Women</i>
ANNA MARY KEMP.....	<i>Librarian</i>
NEWTON WALLACE EVANS.....	<i>Bursar</i>
GEORGE CARL HETTLER.....	<i>Executive Secretary</i>
CHARLES CLIFFORD BARLOW.....	<i>Director of High School Relations</i>
SAMUEL SPRIGG JACOB, M.D.....	<i>College Physician</i>

FACULTY OF INSTRUCTION*

WILBUR HAVERFIELD CRAMBLET, *President of the College on the M. M. Cochran Foundation and Professor of Mathematics.* (Professor 1917; President 1934)

A.B., Bethany College; A.M., Ph.D., Yale University.

JEAN CORRODI MOOS, *Professor-Emeritus of Music.* (1897-1934)

College of Music, Zurich; Royal Conservatory of Music, Leipsic; A.M., Mus.D., Bethany College; Oberlin College; Columbia University.

ANNA RUTH BOURNE, *Professor-Emeritus of English Literature.* (1903-1936)

King's College, University of London; Oxford University; A.B., Bethany College; A.M., Columbia University; University of Poitiers; University of Paris; Litt.D., Bethany College.

HENRY NEWTON MILLER, *Professor-Emeritus of Bible School Pedagogy on the Herbert Moninger Foundation.* (1914-1937)

A.B., A.M., Bethany College; Yale University; D.D., Bethany College.

EBENEZER LEE PERRY, *Professor-Emeritus of Latin.* (1908-1939)

A.B., A.M., Bethany College; Yale University; A.M., Columbia University; Litt.D., Bethany College.

PEARL MAHAFFEY, *Professor of Modern Languages.* (1908)

A.B., Miami University; University of California; A.M., Columbia University; University of Grenoble; McGill University; University of Paris.

FRANK ROY GAY, *Professor of Classics.* (1910)

A.B., A.M., Drake University; University of Virginia; A.M., Ph.D., University of Chicago.

ANDREW LEITCH, *Sarah B. Cochran Professor of Philosophy and Psychology.* (1920)

A.B., A.M., Butler College; B.D., Ph.D., Yale University; Columbia University; University of Chicago; University of Pennsylvania; Harvard University.

WILLIAM KIRK WOOLERY, *Provost and George T. Oliver Professor of History and Political Science.* (1921)

A.B., Bethany College; A.M., University of California; Ph.D., Johns Hopkins University.

¹BERNAL ROBINSON WEIMER, *Dean of the Faculty and Professor of Biology.* (1921)

A.B., A.M., West Virginia University; Ph.D., University of Chicago.

*The names are arranged in order of rank and seniority of appointment. The date in parenthesis indicates first appointment to this faculty.

¹On sabbatic leave, second semester of 1940-1941.

- IRVIN TAYLOR GREEN, *Professor of New Testament and Church History*. (1921)
A.B., Transylvania College; A.M., B.D., Bethany College; University of Chicago.
- ¹FORREST HUNTER KIRKPATRICK, *Dean of Students and Professor of Education*. (1927)
A.B., Bethany College; University of Dijon; A.M., Columbia University; University of Pittsburgh; Professional diploma as clinical psychologist from Columbia University; University of London.
- EMMETT EPHRIAM ROBERTS, *Professor of English*. (1928)
A.B., Ohio University; A.M., Ohio State University; New York University.
- OSBORNE BOOTH, T. W., *Phillips Professor of Old Testament*. (1929)
A.B., Hiram College; B.D., Yale University; University of Chicago.
- HENRY DONALD DAWSON, *Professor of Chemistry*. (1930)
B.S., Denison University; M.Sc., Ohio State University.
- JOHN J. KNIGHT, *Professor of Physical Education*. (1930)
A.B., West Virginia Wesleyan College; University of Michigan; Ohio State University.
- CHARLES RUSH CARTER, *Professor of Music*. (1934)
Combs Conservatory; Temple University; B.S. in Ed., A.M., New York University.
- FLORENCE MARIAN HOAGLAND, *Academic Adviser for Women and Professor of English*. (1936)
A.B. Cornell University; A.M., Columbia University; Ph.D., Cornell University; University of Cambridge.
- REUBEN HAMILTON ELIASSEN, *Professor of Education*. (1936)
A.B., St. Olaf College; University of Minnesota; A.M., Columbia University; Stanford University; University of Chicago; Ph.D., Ohio State University.
- CLYDE J. CROBAUGH, *Associate Professor of Economics and Sociology; Head of the Department*. (1939)
A.B., A.M., Stanford University; University of Chicago; Boston University.
- ANNA MARY KEMP, *Librarian, with rank of Assistant Professor*. (1922)
A.B., M.Mus., Bethany College; Chautauqua Library School; Columbia University.
- ²WILBUR JOHN SUMPSTINE, *Assistant Professor of Biology and Geology*. (1925)
B.Sc., Bethany College; West Virginia University; M.Sc., University of Chicago; University of Pittsburgh.

¹On sabbatic leave, first semester of 1940-1941.

²On sabbatic leave, second semester of 1939-1940.

- ¹JOHN STANLEY VALENTINE ALLEN, *Assistant Professor of Physics*. (1933)
B.Eng. Physics, M.Sc., Ph.D., Ohio State University.
- CHANDLER SHAW, *Assistant Professor of History*. (1935)
A.B., Rollins College; A.M., Ph.D., University of North Carolina; American Academy in Rome; Royal University, Perugia, Italy.
- WALTER E. BOETTCHER, *Assistant Professor of Physical Education*. (1937)
B.Sc., A.M., Lafayette College; New York University; St. Lawrence University.
- ²WILLIAM HENRY ERSKINE, *Assistant Professor of Mathematics*. (1935)
A.B., Bethany College; Ph.D., Johns Hopkins University; University of Chicago.
- WILLIAM SCHUYLER MILLER, *Assistant Professor of Chemistry*. (1936)
B.S. in Chemistry, M.Sc., Lehigh University; Ph.D., Syracuse University.
- NEIL HENRY GRAHAM, *Assistant Professor of Modern Languages*. (1937)
B.Sc., Hobart College; A.M., Ph.D., Cornell University; University of Paris.
- EARL D. MCKENZIE, *Assistant Professor of Modern Languages*. (1937)
A.B., Brown University; A.M., Columbia University; University of Frankfurt am Main; Yale University.
- HERMAN OSCAR WERNER, *Assistant Professor of English*. (1937)
A.B., A.M., Brown University; A.M., Ph.D., Harvard University.
- MARGARET ROSE SPARKS, *Instructor in Secretarial Training*. (1935)
A.B., Marshall College; A.M., West Virginia University; New York University.
- BLANCHE BURROW, *Instructor in Physical Education*. (1935)
Indiana University; Lawrence College; B.S., A.M., Columbia University.
- DWIGHT ESHELMAN STEVENSON, *Instructor in Philosophy*. (1936)
A.B., Bethany College; B.D., Yale University; University of Chicago.
- JOHN WILLIAM SHEPARD, *Instructor in Music*. (1938)
Bradley College; B.Mus., University of Wisconsin; M.Mus., Eastman School of Music of the University of Rochester.
- MARGARET CARRIGAN, *Head of Residence for Women and Instructor in English*. (1939)
A.B., Columbia University; A.M., Syracuse University.
- MARY ELLEN BIBBEE, *Faculty Resident and Instructor in Sociology*. (1939)
A.B., Ohio University; A.M., Indiana University.
- MARIAN HENDRICK, *Faculty Resident and Instructor in Speech and Dramatics*. (1939)
University of Washington; A.B., A.M., Columbia University.

¹On sabbatic leave, second semester of 1940-1941.

²On leave of absence for 1939-1940. Resigned as of June 1940.

WILLIAM M. MCCULLOUGH, *Instructor in Economics and Business Administration.* (1939)

B.Sc., Washington College; M.B.A., Harvard University.

HOWARD W. EVES, *Instructor in Mathematics for 1939-1940*

B.Sc., University of Virginia; A.M., Harvard University; Princeton University.

ALBERTA FRANCES QUINLIN, *Recorder and Associate in Guidance and Personnel.* (1936)

A.B., Bethany College; Columbia University.

FUNCTIONAL COMMITTEES OF FACULTY

Curriculum and Instruction

ACADEMIC COUNCIL:

Mr. Weimer, Mr. Woolery, Mr. Kirkpatrick, Mr. Booth, Mr. Dawson,
Mr. Eliassen, Miss Hoagland

ADMISSIONS AND CLASSIFICATIONS:

Mr. Kirkpatrick, Mr. Woolery, Mr. Weimer

HONORS:

Mr. Weimer, Mr. Gay, Mr. McKenzie

LIBRARY:

Mr. Woolery, Mr. Leitch, Miss Hoagland, Mr. Crobaugh

VISUAL EDUCATION:

Mr. Shaw, Mr. Sumpstine, Mr. Eliassen

SCHEDULE:

Mr. Roberts, Mr. Green, Mr. Dawson, Mr. Graham

LECTURES AND CONCERTS:

Mr. Weimer, Mr. Carter, Mr. Booth
Student Welfare and Guidance

COUNCIL ON GUIDANCE AND PERSONNEL:

Mr. Kirkpatrick, Mr. Weimer, Miss Hoagland, Mr. Stevenson, Miss Carrigan, Dr. Jacob, Mr. Hettler

ACTIVITIES AND SOCIAL LIFE:

Miss Carrigan, Mr. Carter, Mr. Miller, Miss Mahaffey, Miss Burrow

ATHLETICS AND PHYSICAL RECREATION:

Mr. Woolery, Mr. Knight, Mr. Boettcher, Miss Burrow

HEALTH:

Mr. Kirkpatrick, Dr. Jacob, Miss Hoagland

RELIGIOUS LIFE:

Mr. Stevenson, Mr. Allen, Miss Mahaffey

FINANCIAL AIDS

Mr. Kirkpatrick, Mr. Cramblet, Mr. Woolery, Mr. Weimer

LIBRARY STAFF

ANNA MARY KEMP.....	<i>Librarian</i>
A.B., M.Mus., Bethany College; Chautauqua Library School; Columbia University.	
MARY ELIZABETH CUTLIP.....	<i>Assistant Librarian</i>
A.B., Bethany College; B.A., in L.S., University of North Carolina.	
FRANCES ELIZABETH SHAVER.....	<i>Assistant Librarian</i>
B.A., Vanderbilt University, B.S., in L.S., M.A., George Peabody College for Teachers.	

FACULTY COUNSELORS

For Freshmen and Students Who Have Not Determined a Major

Mr. Kirkpatrick	Mr. Dawson	Mr. Crobaugh
Miss Mahaffey	Mr. Booth	Mr. Boettcher
Mr. Woolery	Mr. Eliassen	Mr. Graham
Mr. Weimer	Miss Hoagland	Mr. Werner
Mr. Roberts	Mr. Knight	Mr. Miller
	Mr. McKenzie	

For Students in Major Departments

Biology: Mr. Weimer	English: Miss Hoagland and Mr. Roberts
Biblical Literature: Mr. Booth and Mr. Green	History: Mr. Woolery
Chemistry: Mr. Dawson	Mathematics and Physics: Mr. Allen
Classics: Mr. Gay	Modern Languages, Miss Mahaffey
Economics: Mr. Crobaugh	Music: Mr. Carter
Education: Mr. Eliassen	Physical Education: Mr. Knight
	Psychology: Mr. Leitch

GENERAL ADMINISTRATION STAFF

LUCILLE BALL.....	<i>Dietitian and House Manager</i>
ELIZA EDWARDS, R.N.....	<i>College Nurse and Supervisor of the Infirmary</i>
DOROTHY ELIZABETH ROHLAND.....	<i>Secretary to the President</i>
DOROTHY ADAMS.....	<i>Secretary to the Dean of the Faculty</i>
BETTY KIRKE STEWART.....	<i>Secretary to the Dean of Students</i>
JANE ELIZABETH MATHEWS.....	<i>Secretary to the Executive Secretary</i>
JANE CAMPBELL.....	<i>Secretary to the Director of High School Relations</i>
DE ETTE BURDUE.....	<i>Secretary to the Bursar</i>
HARRY MILTON MYERS.....	<i>Bookkeeper</i>
GRACE HINE.....	<i>Hostess at Point Breeze</i>
LEROY CLYDE STRASSER.....	<i>Superintendent of Buildings and Grounds</i>
CHARLES CALVIN MARTIN (on part time).....	<i>Chief Engineer</i>

RESIDENCES FOR WOMEN

MARGARET CARRIGAN.....	<i>Head of Residence and Social Director</i>
MARY ELLEN BIBBEE.....	<i>Faculty Resident at Helwig House</i>
MARIAN HENDRICKS.....	<i>Faculty Resident at Gateway Hall</i>
ANNA H. GOODNIGHT.....	<i>House Supervisor—Kappa Delta</i>
MARY BELLE CARMAN.....	<i>House Supervisor—Zeta Tau Alpha</i>
HELEN B. MATHEWS.....	<i>House Supervisor—Alpha Xi Delta</i>
MARGARET SANDERS.....	<i>House Supervisor—Phi Mu</i>

FELLOWS AND STUDENT ASSISTANTS

1939-1940

SENIOR FELLOWS

DONALD REGIER.....	<i>Economics</i>
ORELLA BLISTAN.....	<i>Physical Education</i>

FOREIGN FELLOWS

PAUL FREILING
Frankfurt am Main, Germany

STUDENT ASSISTANTS

KATHRYN ALLEN.....	<i>Library</i>
DOROTHY BISSELL.....	<i>Library</i>
CAROLINE BUTCHKO.....	<i>Biology</i>
NANCY CALDABAUGH.....	<i>Biology</i>
JOSEPH CALIGUIRI.....	<i>Biology</i>
WARREN COUGHANOUR.....	<i>Chemistry</i>
JAMES DAUB.....	<i>German</i>
RAYMOND H. DICK.....	<i>Mathematics and Physics</i>
PEGGY EUWER.....	<i>Orientation</i>
LOUISE GETTYS.....	<i>Admissions and Personnel</i>
ELEANOR GRAY.....	<i>Library</i>
MARY JANE HALTER.....	<i>Physical Education</i>
HESTER ANN HARE.....	<i>Library</i>
PETER JOHNSON.....	<i>Chemistry</i>
JAY LOHR.....	<i>Chemistry</i>
ROBERT MARTIN.....	<i>Education</i>
GLADYS MILLER.....	<i>Library</i>
WILLIAM MURRAY.....	<i>Biology</i>
MILTON PARKER.....	<i>Physical Education</i>
GOFF RAMSEY.....	<i>Chemistry</i>
VIRGINIA RICHARDSON.....	<i>English</i>
IRVAN ROCHE.....	<i>Admissions and Personnel</i>
RUTH ROSSER.....	<i>Physical Education</i>
WILLIAM RUTTER.....	<i>English</i>
JAMES RYAN.....	<i>Chemistry</i>
HILDA SARVER.....	<i>Chemistry</i>
BARBARA SCHUTT.....	<i>Student Health Service</i>
ROBERT SHOWMAN.....	<i>English</i>
GERTRUDE MAE STEWART.....	<i>Psychology</i>
MYFANWY STRAIN.....	<i>English</i>
DORIS THIELE.....	<i>Library</i>
GEORGE WALDON.....	<i>Biblical Literature</i>
JOSEPH WHITE.....	<i>Biblical Literature</i>

ACADEMIC RECOGNITION

Bethany College is on the approved list of colleges of the Association of American Universities. By virtue of this approval the baccalaureate degree from Bethany College is recognized for admission to graduate study in this country and abroad. Bethany is accredited by the North Central Association of Colleges and Secondary Schools as a degree granting institution. The college is a member in good standing of the Association of American Colleges and the American Council on Education. Bethany is recognized by various state departments of education as an institution for the training of teachers, and is in good standing with the American Association of University Professors.

Women graduates of Bethany College are eligible to membership in the American Association of University Women. Membership in the American Association carries with it membership in the International Federation of University Women.

HISTORY AND PURPOSE

HISTORY

Buffalo Seminary, the forerunner of Bethany College, was inaugurated at Bethany, Virginia, in the year 1818 in the home of Alexander Campbell, commonly known as the Mansion. Here, Mr. Campbell offered educational advantages for the youth of the community as well as training for young men in the work of the Christian ministry.

At its inception, Bethany College represented one stage of a sweeping plan for the complete education of the individual, which Mr. Campbell had developed as a result of his experience in traveling and in reflections upon the social and moral conditions he encountered. Convinced that the formation of moral character should be the chief goal in education, and perceiving the deficiency of trained teachers and preachers, he decided to devote his own prodigious learning to such training as a college would afford. Hence, in the winter of 1839-1840, a charter was secured from the state of Virginia for the establishment of a "seminary of learning for the instruction of youth in the various branches of science and literature, the useful arts, agriculture, and the learned and foreign languages."

In the fall of 1840, the trustees of the college named Mr. Campbell as the first president, and he began formulating a plan of instruction. He had strong convictions that the spirit of the institution should be altogether non-sectarian; in the charter occurred the statement that "nothing herein contained shall be so construed as at any time to authorize the establishment of a theological professorship." Nevertheless, he was equally convinced of the necessity for an undergirding of moral instruction, and the Bible was made a textbook for class instruction.

Donating land for the site, Mr. Campbell undertook, on his own responsibility, a commodious brick building for the college. In October of 1841, the first session opened with over a hundred students in attendance. In addition to Mr. Campbell, the first faculty included W. K. Pendleton, A. F. Ross, Charles Stewart, and Robert Richardson. They envisaged a college of great usefulness for the training of thoughtful leadership in business and the professions as well as the church, and they set for the college a fine tradition

of liberal scholarship and standards of excellence in accomplishment and personal living. Since its early days, the college has been eminently qualified to give training for professional and public service, and scholarly work in the liberal arts and sciences.

Following the war between the states, Bethany gradually changed from a distinctly southern college and began to draw students from the north central states. Its curriculum was marked by unusual emphasis on the physical sciences and modern languages. Upon the death of Alexander Campbell in 1866, the presidency was entrusted to W. K. Pendleton, who had been associated with the college from its opening days. In the reconstruction years following the war, the north wing of the main college building was added, as well as the wing known as Commencement Hall.

Women were not regularly admitted to the college until 1881, but since that time the college has been co-educational in all departments. Prior to that time the daughters of faculty members and of friends and patrons of the college living in the neighborhood were offered higher education at the Pleasant Hill Seminary, situated near West Middletown, Pennsylvania. At this school it was a regular procedure for the president and members of the faculty of Bethany to conduct final examinations and aid in graduation exercises, practically affiliating the two institutions.

From 1885 to 1900 the college suffered from the lack of funds. Rallying somewhat under the administration of W. H. Woolery, and gaining in number of students for a few years, it became a serious question after the depression of 1893 whether the financial stability of the institution could be maintained. In the space of ten years, five presidents or chairmen of the faculty labored with the mounting difficulties—Archibald McLean, Hugh McDiarmid, B. C. Hagerman, J. M. Kersey, and J. C. Keith.

The decline ended in the early years of the present century when T. E. Cramblet was made president. An era of progress and expansion began; college debts were paid off and the beginnings of adequate endowment were made; college buildings were modernized, a library building secured, Cochran Hall, the Irvin Gymnasium, the central heating plant, Oglebay Hall, and numerous residences were built. Electric lighting was introduced into the college and town, an electric interurban line was built, the town's streets were paved, and hundreds of acres of land given to the college.

At the death of President Cramblet in 1919, the administration of the college was undertaken by Cloyd Goodnight. A growth in the student body, the great increase in properties and endowment, the rebuilding of Commencement Hall and Phillips Hall, a marked advance in recognition of the college's work by accrediting agencies, emphasis upon high standards, progressive educational procedures, and sound scholarship marked his tenure. Under President Goodnight's leadership the curriculum, administrative organization, and social life of the college were given new purpose and direction.

After the sudden death of President Goodnight in October, 1932, an Administrative Committee of trustees and faculty members carried on for almost a year. Hon. W. S. Wilkin, as chairman of this committee, and those who served with him rendered distinguished service to the institution. In June 1933, J. A. Serena was elected president, resigning after a tenure of one year. The present administration, inaugurated in December, 1934, has given fresh emphasis and decided advancement to curricular and library matters, faculty scholarship and security, the further development of procedures to individualize education and the improvement of endowments.

PURPOSE

The continuing purpose of Bethany College is to assist its students in their preparation for intelligent and creative participation in contemporary living, and to maintain in its faculty and student body standards of excellence in scholarship, culture, and conduct.

The particular aims of the college are:

- (1) To provide incentives to and training in the scientific method, in logical analysis, and in creative expression.
- (2) To develop an understanding of the institutions and cultures of the past, especially as they bear upon the problems of contemporary civilization; and to effect an integration of some of the major departments of human knowledge.
- (3) To furnish the means in knowledge and experience for happy, intelligent, and constructive membership in family and state.
- (4) To facilitate adequate adjustments to academic, social, and vocational problems.

- (5) To individualize, as far as possible, the curricular program and requirements, to provide for some degree of specialization in one major field, and for a synthesis of materials in that field.
- (6) To provide opportunities for the development of physical powers, the safeguarding of health, and participation in recreational and avocational activities.
- (7) To provide higher education in an atmosphere sympathetic to Christian ideals and Christian faith and to conserve and develop the moral character and religious life of its students.

EQUIPMENT AND RESOURCES

LOCATION

Bethany College is situated in the northern panhandle of West Virginia, seven miles southeast of Wellsburg on State Route 67, fifteen miles north of Wheeling on State Route 88, and forty-five miles southwest of Pittsburgh. The village in which the college is located is easily accessible by automobile. A map indicating automobile routes to Bethany is printed on the inside back cover of this bulletin. At Wellsburg connection is made with local bus lines for Steubenville, Wheeling, and with various inter-state bus lines. Good railroad connections are possible from New York City and Chicago. Bethany is just six miles from the Wheeling-Ohio County Air Port.

Being almost one thousand feet above sea level and surrounded by picturesque and inspiring scenery, the location of the college is considered attractive and healthful. The environment is that of a small but quaint American community. In this setting it has been possible to preserve the best characteristics of a small college.

A splendid water filtration plant insures good drinking water for the village of Bethany. There are other usual public utilities.

BUILDINGS AND GROUNDS

Bethany College now has approximately 1,000 acres of land, with buildings and equipment valued beyond a million dollars. The land includes the college campus, the college farms, and a number of acres set aside for recreational purposes.

THE COLLEGE CAMPUS—The college campus, consisting of about fifty acres, is located on a hilltop overlooking the beautiful Buffalo Creek. On these fifty acres are a variety of fine trees and numerous shrubs attractively placed in a well-kept lawn. The park-like campus with its background of wooded hills provides a picturesque setting for the college and its community.

THE MAIN COLLEGE BUILDING—The Main Building stands in the center of the attractive campus. It is an imposing structure of Gothic architecture and is well adapted to the purpose for which it is used. It contains about forty rooms, most of which are used

as classrooms. Along the west side and running the entire length of the building is the Corridor, an open promenade three hundred feet in length.

COMMENCEMENT HALL—This building was reconstructed and dedicated in 1924. The original Commencement Hall was built in 1872, and the Gothic lines of the original building have been kept. The auditorium seats approximately six hundred people and contains an equipped stage, pipe organ, and facilities for motion pictures. Studios for music and speech, together with several practice rooms for music and a shop room for theater arts are located on the lower floor of this building.

E. W. OGLEBAY HALL OF AGRICULTURE—This hall was donated to the college by the late Earl W. Oglebay, of the class of 1869. This building is used mainly for the teaching of the sciences. It contains chemical and biological lecture rooms, library, laboratories, and supply rooms. The style of architecture is Tudor Gothic and harmonizes with the Main Building.

CARNEGIE LIBRARY—This building was made possible by gifts of Andrew Carnegie in 1906. The building is constructed of brown pressed brick with berea sandstone trimmings. On the first floor are a large reading room, conference rooms and browsing nook. On the second floor are the main library desk and catalogue, the book stacks, and magazine reading room. On the third floor are rooms for bound copies of magazines and journals, the library work room, rooms for the college museum, and the Centennial Room which contains a display of pictures and mementos related to the activities of the college through all the years.

THE IRVIN GYMNASIUM—This strictly modern gymnasium was donated by the Irvin family of Big Run, Pennsylvania, in 1919. The building, being of Gothic architecture, is in harmony with the other college buildings. It is equipped with swimming pool 20x60 feet, shower baths, team rooms, trophy room, and running track, in addition to the gymnasium floor.

RINE RECREATION FIELD—As a memorial to the late Edwin M. Rine, friend and recent benefactor of the college, the Board of Trustees has purchased and designated 80 acres of land directly west of the campus to be known as the Rine Recreation Fields. A

large amount of the grading has already been completed, and an area approximately 300x900 is now available for recreational purposes. When completed these fields will have unusual facilities for football, baseball, hockey, tennis, soccer, volleyball, archery, and track.

NATURE TRAIL—Margaretta Parkinson bequeathed the Parkinson Farm to the College in 1914. Under the terms of this bequest two tracts of virgin timber on this property, known as the Parkinson Oaks and the Parkinson Woods, are to be preserved intact as a memorial to Thomas Parkinson and Margaret Parkinson, her grandparents and former owners of the farm.

Through this tract of magnificent oaks, elms, birches, and beeches there has been constructed a nature trail together with several picnic spots for the use of students and friends of the college. The trail follows the banks of a ravine which is crossed in several places by rustic bridges. New species of trees, shrubs and wild flowers are being planted along the trail and in the woods which have been set aside as a bird and game sanctuary. These facilities are very useful in the nature recreation program of the college.

PERCY B. COCHRAN HALL—Hon. M. M. Cochran, of the Class of 1875 donated this splendid dormitory for men in 1910 as a memorial to his son, Percy B. Cochran, of the Class of 1900. The building is four stories high and is built of white brick. A men's lounge together with browsing library and kitchenette occupy the first floor. The other floors are used as rooming places for young men. The building is of fireproof construction and is modern in its appointments. The second and third floors of the front wing are arranged in suites. In each suite there is a study room and adjoining the study room there are two bedrooms. The fourth floor of the front wings and all floors of the rear wing are arranged in double and single rooms. The rooms are furnished with desks, study chairs, chiffoniers, and beds. In this building are rooms for the Dean of Students, who is in close contact with all of the students.

PHILLIPS HALL—This dormitory for women was originally donated to the college by Hon. Thomas W. Phillips, Sr., of New Castle, Pennsylvania. In 1930 a splendid new dormitory was completed to replace and include the original building. The new

Phillips Hall of red brick and stone has been built along Gothic lines to harmonize with the other buildings of the college. There are student rooms for over a hundred women. In addition to the dormitory space the building provides a central dining room for all of the college women and for other important services of the college.

Each student room is equipped with a study desk, the necessary chairs and beds, and built-in cabinets which provide each resident with a chest of drawers and a wardrobe with extension hangers. On each wardrobe door is a mirror and shelf, serving as a dressing table.

The social needs of the young women and the entire college are served by the large lobby, small loggias, and the spacious drawing room on the main floor. In addition there are rooms for the Adviser for Women, the Head of Residence, the needed help for the care of the building, and some guest rooms for mothers who may be visiting students in the Hall.

HELWIG HOUSE—This is a well-appointed dormitory for twenty-five college women, named in memory of Miss Anna L. Helwig of Wheeling. It is operated under conditions similar to those governing residents in Phillips Hall with a faculty resident in charge.

GATEWAY HALL—This is a well-appointed dormitory for twenty-five college women. It is operated under conditions similar to those governing residents in Phillips Hall with a faculty resident in charge.

RESIDENCE HOMES FOR WOMEN—The college operates three residence buildings on Main Street for college women. These are occupied by chapters of national sororities and operated under conditions similar to those governing residents in Phillips Hall.

PENDLETON HEIGHTS—A short distance to the north of the Main Building on the campus is the home of the President of the College, known as Pendleton Heights. The building was erected by W. K. Pendleton, second president of the college. It was purchased by the college in 1890. The building is attractively furnished and is admirably suited for its intended purpose.

POINT BREEZE—The manor house, Point Breeze, is operated by the college as an inn for the accommodation of students and

guests. Dining and lodging facilities are available the year round. The Point Breeze estate, which is adjacent to the college, was purchased in 1937. It had been the home of William H. Nave, a former trustee of the college.

THE COCHRAN CENTRAL HEATING PLANT—The college came into the possession of this building and its equipment through the generosity of Hon. M. M. Cochran of the Class of 1875. The heating plant was completely remodeled and new units installed in 1935. The college buildings and the Bethany Memorial Church are adequately heated from this source.

THE COLLEGE FARM AND FARM BUILDINGS—Through the generosity of the late E. W. Oglebay of the Class of 1869, Bethany College owns the Alexander Campbell farm of 205 acres. Several years ago, at Mr. Oglebay's expense, many improvements were made on this farm, including a large round dairy barn 86 feet in diameter and a creamery building. By a deed bearing date of April 7, 1914, Miss Margaretta E. Parkinson has given to the college the farm of 251 acres adjoining the college. Other land has been received from time to time and the purchase of the Point Breeze farm of 325 acres brings the total lands of the college to approximately 1,000 acres.

LIBRARIES

LIBRARY AND READING ROOM EQUIPMENT—The first floor of the college library building is known as the "reserve book room" and has a seating capacity of 70. In addition to the general reading room three conference rooms for special work and a browsing nook about the fireplace for leisure reading are available. The second floor contains a reading room to the left of the entrance with a seating capacity of 50. The magazine files, alphabetically arranged, are on the third floor, and with them are additional facilities for conference and study.

The total number of books in the library is in excess of 33,000 exclusive of government publications. These books are selected for reference and bibliographic work in the liberal arts and sciences. They are arranged according to the Dewey Decimal System of Classification. The reading rooms are supplied with over 200

American and foreign journals. The library is in charge of trained librarians who are available for conference and help in reference work.

GENERAL REGULATIONS—The college library is open every week-day during the college year from 8:00 A.M. to 9:30 P.M., except during convocation, lunch and dinner hours Monday through Thursday. Friday and on nights of lecture course numbers it closes at 8:00 P.M. Saturday the library closes at 5:00 P.M. On Sunday the second floor is open from 2:00 to 5:00 P.M. for reading only. Books from the stacks circulate for two weeks with a fine of \$.03 per day if kept overtime. One renewal is granted. "Reserve books" are circulated overnight, from 9:15 P.M. to 8:00 A.M. with a fine of \$.05 per hour if kept overtime. Books in the reference collection are for library use only.

The college library is closed during the month of July and for one week during the Christmas vacation.

SPECIAL COLLECTIONS—Several valuable collections have been received by the college and have been made a part of the college library. The principal parts of the libraries of Alexander Campbell, Robert Richardson, Miss A. C. Pendleton, Archibald McLean, W. S. Priest, Levi Marshall, Miss Mary I. Nichols, R. H. Wynne, Cloyd Goodnight, and M. M. Cochran are among these. A valuable collection of early literature of the Disciples of Christ has come from Samuel Lindsay, Buffalo, New York, from Rev. W. S. Good, Youngstown, Ohio, and from Miss Ellen Thomas, Augusta, Ga.

CHRISTOPHER GRAHAM LIBRARY—A small library for leisure time reading is maintained in the Men's Lounge at Cochran Hall. This library is dedicated to the memory of "a truly fine college boy" who was a student leader and resident in Cochran Hall in 1932-1933.

DAGNEY ANDERSEN LIBRARY—In one of the loggias in Phillips Hall a small library for leisure time reading is maintained for the use of college women. It is dedicated to the memory of Miss Dagny Andersen, of the Class of 1935, who was one of Bethany's most representative college women.

THE BIOLOGY-CHEMISTRY STUDY LIBRARY—The departmental library for chemistry and biology is located on the third floor of Oglebay Hall. Here are available approximately 500 volumes of periodicals pertaining to these two sciences.

INSTRUCTIONAL EQUIPMENT

BIOLOGY LABORATORIES—The biology laboratories and conference rooms are located on the first floor of Oglebay Hall. These laboratories are adequately equipped to take care of courses in general biology, plant morphology and physiology, bacteriology, comparative anatomy, embryology, and histology. Special research facilities are available for students in the upper division. Work shops for ornithology and taxidermy, modeling and other departmental activities are situated in the basement of Oglebay Hall.

CHEMICAL LABORATORIES — These laboratories occupy the second and third floors of Oglebay Hall. They consist of a general laboratory, an analytical laboratory, and a well equipped laboratory for organic and physical chemistry. There are also two minor research laboratories, a spectroscopic laboratory, balance rooms, chemical storerooms, and a small machine shop. General apparatus is adequate for individual instruction in all courses offered.

PHYSICS LABORATORY—The rooms used by the Department of Physics are on the first floor of the Main Building. Modern equipment sufficient for elementary and advanced physics courses is in the possession of the college. Special apparatus is available for work in the fields of magnetism, photo-elasticity, radio transmission and reception, cosmic rays and astronomy. An E-1 spectrograph, loaned to the college by the Follansbee Brothers Steel Company, is available for research work in steel analysis and other fields of spectroscopy.

PSYCHOLOGICAL LABORATORY — The laboratory for experimental psychology is located on the second floor of the Main Building in connection with the psychology lecture room. The laboratory is equipped for work in elementary experimental psychology, mental measurements, and some phases of applied psychology. The laboratory is so arranged that students have equipment and facilities for individual work.

MUSIC EQUIPMENT—The studios and practice rooms of the Department of Music are located on the first floor of Commencement Hall. They are well equipped with upright and grand pianos of well known make for the use of students taking work in music. A two-manual Teller-Kent pipe organ is available in Commencement Hall for students of music. An additional pipe organ at the Bethany Memorial Church is also available. The work in music is further facilitated by the use of a voice recording machine.

SECRETARIAL TRAINING—A laboratory work room is maintained for students who are taking secretarial training and commercial education. The equipment includes typewriters and various office appliances.

MUSEUM

The museum is located on the third floor of the Carnegie Library. It includes a fine collection of rocks, minerals and typical fossils representative of the various periods of the earth's history, and interesting zoological and anthropological displays. Among the interesting exhibits are:

The Herbert Smith African Display

The Edward Johnson African Display

The J. H. Metze Collection of Indian Relics

The I. T. Green Indian Collection

The Maude Madden Exhibit from Japan

The Louise Helwig Exhibition of Antiques and Coins

New materials are constantly being added to the museum by friends of the college.

ENDOWMENTS

The book value of the endowments of the college as of June 30, 1939, was \$2,260,651.90.

THE M. M. COCHRAN GENERAL ENDOWMENT—On January 25, 1921, Hon. M. M. Cochran of the Class of 1875, gave Bethany certain valuable assets, the proceeds of which are known as the M. M. Cochran General Endowment Fund. Further securities were added to this endowment in 1929 to strengthen and secure the original donation. The value of this gift to the college is placed at \$500,000.

THE M. M. COCHRAN ENDOWMENT OF 1923—On February 19, 1923, Mr. Cochran gave \$300,000 to the college to be known as the M. M. Cochran Endowment of 1923. This was part of the campaign to secure endowment for the college in cooperation with the General Education Board and resulted in increasing the endowments of the college by \$600,000.

THE M. M. COCHRAN ENDOWMENT OF OFFICE AND CHAIR OF PRESIDENT—In collaboration with the Men and Millions movement of the Disciples of Christ, M. M. Cochran began an endowment of the President's Chair at Bethany College. Subsequent donations increased the endowment for this chair to \$100,000.

THE M. M. COCHRAN TRUST FUNDS—On the death of M. M. Cochran three special funds were set up subject to certain remainder interests, the balance of the income to be used for the general purposes of the college. Certain life interests being satisfied, these trust funds are to become a part of the M. M. Cochran general endowment. The value of these trusts is \$805,695.36.

THE THOMAS W. PHILLIPS BIBLE CHAIR ENDOWMENT—Hon. Thomas W. Phillips, Sr., of New Castle, Pennsylvania, has given \$30,000 to endow a chair known as the Thomas W. Phillips Bible Chair.

THE SARAH B. COCHRAN CHAIR OF PHILOSOPHY ENDOWMENT—Mrs. Sarah B. Cochran, of Dawson, Pennsylvania, has contributed \$25,000 toward the endowment of a chair to be known as the Sarah B. Cochran Chair of Philosophy.

THE HERBERT MONINGER CHAIR OF BIBLE SCHOOL PEDAGOGY ENDOWMENT—Through the interest and generosity of many Bible schools, churches, and individuals, a fund of \$25,000 has been given to the college for the endowment of the Moninger Memorial Chair of Bible School Pedagogy. Herbert Moninger was a graduate of the Class of 1898.

THE GEORGE T. OLIVER CHAIR OF HISTORY ENDOWMENT—The late Senator George T. Oliver of the Class of 1868 gave \$50,000 to the permanent endowment fund to be used for the endowment of the George T. Oliver Chair of History.

THE R. A. LONG CHAIR OF MATHEMATICS ENDOWMENT—In connection with the Men and Millions movement of the Disci-

ples of Christ, R. A. Long of Kansas City, Missouri, gave \$50,000 to the endowment fund of the college. This amount was to be used to endow the Chair of Mathematics.

THE THOMAS W. PHILLIPS, JR., ENDOWMENT—Hon. T. W. Phillips, Jr., of Butler, Pennsylvania, has donated \$55,000 to the general endowment of the college to be known as the T. W. Phillips, Jr., Endowment Fund.

THE E. M. RINE TRUST FUND—The late E. M. Rine, of Montclair, New Jersey, bequeathed to the college a large share of his estate. Monies from this estate are placed in the E. M. Rine Trust Fund as they are received and are disbursed in accordance with the action of the Board of Trustees. Approximately \$219,000 of this has been used for special purposes. The present value of the property and securities remaining in the trust fund is approximately \$75,000 and is temporarily designated as endowment. An additional \$90,000 will come to the college from this source at a future date.

SPECIAL FUNDS

THE GANS FUND—The Gans Fund was established by Wickliffe Campbell Gans, graduate of Bethany College of the Class of 1870, and his brother Emmett W. Gans, in memory of their Father and Mother, Dr. Daniel L. Gans and Margaret Gordon Gans of East Sparta, Stark County, Ohio. This fund has a value of \$75,000, the income from which is to be used to encourage advance study and research in science by juniors, seniors, and graduates of Bethany College.

THE J. T. SMITH FUND—J. T. Smith bequeathed \$17,216 to the college, the income of which is to be used to assist young men and women who are studying for the Christian ministry.

THE MINNIE W. SCHAEFFER FUND—Minnie W. Schaeffer has given a sum of \$7,500 to Bethany College, which sum has been designated by the trustees to be used for assistance of students at the college preparing for definite Christian service, and subject to future action of the Board of Trustees.

THE ANNA L. HELWIG FUND—Anna L. Helwig donated to the college the sum of \$32,000 for the general purposes of the

college. This sum is temporarily designated as endowment subject to future action by the Board of Trustees.

MEN AND MILLIONS FUND—Certain monies totalling \$66,000 received from the Men and Millions Movement of the Disciples of Christ is designated for general purposes of the college. These funds are temporarily designated as endowment subject to future action by the Board of Trustees.

ADMISSION AND INDUCTION

GENERAL REQUIREMENTS — Bethany College will accept as students only young men and young women who are well qualified to benefit from the type of educational experience and academic life available. All applicants for admission must furnish evidence of good moral character, sound physical and mental health, sound scholastic preparation, and intellectual maturity. The Committee on Admissions and Classifications will consider the best interests of the applicant and the college before final acceptance is made.

Only students who are graduates of first grade high schools or preparatory schools with class rank in the upper half should apply. It is expected that all applicants will be taking regular academic work as candidates for a baccalaureate degree.

All applicants for admission must have been vaccinated within the past three years, or they must arrange to be vaccinated by the Student Health Service within one month after entrance unless excused by the Committee on Admissions and Classifications.

FRESHMAN ADMISSION—Applicants for admission to the freshman class will be judged acceptable in terms of scholastic preparation and intellectual maturity by any one of the following three plans:

I. *By Certificate*

Graduates of any accredited high school or secondary school may be admitted to freshman standing on presentation of statement signed by proper school authorities, showing the kind and the amount of scholastic work done, provided:

- (a) the scholastic work completed is of such quality as to place the student in the upper half of his graduating class. Exceptions to this will be made only upon evidence from scholastic aptitude tests administered at the college on days designated for pre-college guidance.
- (b) the student's record indicates the completion of at least fifteen acceptable units of secondary school work. Students from senior high schools may be admitted with eleven units of senior high school work.*

*Note: Not less than one-half unit will be accepted in any subject and not less than one unit will be accepted in any foreign language, algebra, plane geometry, chemistry, physics, or shorthand.

- (c) two-thirds of the units of secondary school work accepted for entrance must be in English, foreign language, mathematics, natural sciences, and social studies. These units should normally include three units of English, at least three units in a foreign language or social studies, and two units in mathematics or science. In the case of graduates of senior high schools the same general pattern of units is desired.

II. *By Examination*

Students who have not been regularly prepared for college in a recognized secondary school may apply for admission by making a complete statement regarding qualifications and training. Such students can be regularly admitted if they qualify in a battery of achievement examinations given at the college under the direction of the Committee on Admissions and Classifications. The examinations will be given upon the scholastic work covered by the list of secondary units approved by the North Central Association of Colleges and Secondary Schools.

College Entrance Board Examination certificates will be accepted in lieu of high school certificates or examinations by Bethany College.

III. *By Cumulative Record*

The Committee on Admissions and Classifications will receive cumulative standard test records and other objective data which may give evidence of an applicant's ability to profit by college experience. Such records or data should (1) cover at least the three most recent years of the applicant's school life, (2) provide fairly reliable information as to his intellectual capacity, (3) include an accurate record of the results of comparable achievement measures in various academic subjects. Data obtained from all tests will be interpreted in authenticated comparable terms, such as well established public school or independent school percentiles.

Bethany College is cooperating with a selected group of secondary schools in the experiment in secondary education inaugurated by the Progressive Education Association. For the period of the experiment, students with promising records from

these schools will be eligible for admission to the college on the basis of school records, tests, and recommendations.

ADVANCED STANDING—Students from other accredited colleges may be admitted upon the presentation of evidence that they have satisfied the general requirements for admission and that they were in good standing in the institution last attended. All applications for admission from students for advanced standing must be accompanied by official certificates stating the nature and extent of college courses completed and all disciplinary or academic items that belong to such a record. Such a statement must be signed by the president or other official of the institution where the work was done.

The evaluation and acceptance of credits earned at an accredited institution will depend upon the policy of the academic work completed. Only a minimum of academic work ranked below "average" (grade C) will be accepted. Not more than sixty-five hours will be allowed for junior college work.

Credit will be allowed for work done in non-accredited institutions only by special action of the Committee on Admissions and Classifications. This Committee may require that the applicant take a series of subject matter examinations, or that the applicant be classified one class below that attained in the institution from which the credits were presented.

A student transferring to Bethany cannot be granted a degree unless he has been in attendance at the college at least during his senior year.

SPECIAL STUDENTS—A limited number of students who are not candidates for a degree may be admitted to the college as "Unclassified students" with permission to pursue selected courses. Special application must be made for such classification, and approval for the same may be given only if the applicant can satisfy the Committee on Admissions and Classifications that he can pursue the courses with profit, that he has a serious purpose in mind, and that he can meet the general requirements as to health, character, and mental ability.

ADVANCED STANDING BY ACHIEVEMENT TESTS—Any students who have anticipated the subject matter of any of the prescriptions for degrees listed under the requirement of hours may make

application to take an achievement test. If the result of this test indicates sufficient mastery of the subject the prescription will be waived. Passing the achievement tests will not give credit in hours toward the degree. The application for an achievement test should be made to the Committee on Admissions and Classifications. It should state the achievement tests which the student desires to take and the basis of his preparation for the test. The statement should include detail as to any supplementary reading done in addition to the prescribed school work in the form of a list of titles and authors of books. The testing will be in charge of the Dean of Students and the heads of the departments concerned.

PLACEMENT FOR FRESHMEN — For purposes of educational guidance all freshmen are required to take placement examinations in certain academic subjects such as English, history, and foreign languages. These examinations are given before the final registration at the opening of the college year in order that failures due to misplacement in courses may be avoided if possible. The type of examination used is designed to test the readiness with which the student can adapt his knowledge to the requirements of college work. The results of these examinations are used to determine a student's placement in courses and in sections. In order to assure correct placement it is advised that each freshman make a brief review of the subject during the week preceding college opening with the object of freshening his knowledge of technical terms and vocabulary.

ORIENTATION PROGRAM AND REGISTRATION — The college recognizes the need of giving its newly entering students an introduction to their work, and for this purpose it requires freshmen to come to Bethany several days before the formal registration of all other students. This "Freshman Week" is devoted to efforts to help the freshmen get a proper adjustment. For the first two weeks of the semester the freshman men and women eat together in Phillips Hall, and a special program of social activities is arranged for their benefit. These are planned for the purpose of helping the entering students become acquainted with each other.

The time designated for "Freshman Week" will be used for the following duties:

- a. Getting properly settled in dormitory.
- b. Registration and payment of fees.

- c. Physical examination.
- d. Psychological tests.
- e. Placement and achievement tests which will enable the faculty to place the student in the classes for which he is best fitted.
- f. Getting acquainted with the faculty, staff, and equipment of the college.
- g. Conferences with the personal counselor as to educational and vocational program.
- h. Social and recreational activities, such as dinners, hikes, and receptions.

Attendance during "Freshman Week" is required of all who will enter as freshmen. The dates for the 1940-1941 session are September 15 to 19, 1940.

PRE-COLLEGE GUIDANCE—Several days are set aside each year for the pre-college guidance of secondary school juniors and seniors who are looking toward college. On these days it is possible for parents and students to confer with officers of the college, to have school records appraised, and to take college aptitude tests. Arrangements for pre-college guidance of any kind should be made with the Director of High School Relations.

METHOD OF ENROLLMENT—All applicants for admission should get official form, Application for Admission, from the Director of High School Relations. The complete application for admission and the admission fee of \$10.00 must be filed before any action can be taken by the Committee on Admissions and Classifications. The application form requires rather complete data as to the applicant's personal and educational background together with an official record of his scholastic preparation. The admission fee serves as a dormitory room reservation deposit if the applicant is accepted. Applications for admission and applications for rooms in college dormitories should be filed with the Director of High School Relations.

RESERVATION OF DORMITORY ROOMS—All rooms in college dormitories must be engaged in advance. In case the student remains in the dormitory for the full year, the admission fee will be refunded, except for proper charges for breakage and inspection. In the case of withdrawal from the dormitory after registration, charges for room rental are refunded on a pro-rata basis, but the deposit fee is forfeited by the student.

An applicant for admission who finds that it will be impossible to enter college can get a refund of the admission fee if notice is given to the Director of High School Relations on or before July 1, 1940.

Plans showing the arrangement of rooms in the dormitories, detailed statement of prices, and reservation blanks may be obtained from the Director of High School Relations.

EXPENSES

TUITION—The tuition each semester is one hundred and twenty-five dollars for fifteen academic hours or less. For each academic hours in excess of fifteen, an additional eight dollars is charged. No charge is made for courses in physical education and orientation which are taken to meet the graduation requirements.

By special action of the Board of Trustees, the tuition for Alumni of the college has been set at twenty-five dollars per semester. All special fees will be charged as usual in such cases.

By special action of the Board of Trustees, members of families of home and foreign missionaries actively in service are allowed free tuition for regular academic work at the college.

ADMISSION FEE—A fee of ten dollars is required with each Application for Admission. This fee is used as a guarantee deposit on rooms for students planning to live in one of the college dormitories. If the applicant is not planning to live in a college dormitory, the fee will be applied on the tuition charge.

ROOM RENT IN COCHRAN HALL—The rent for rooms in this hall for young men ranges from \$60.00 to \$75.00 per semester for each student. Single rooms and double rooms, and suites are provided. Permission for installation of radios and special electrical equipment must be obtained from the officer in charge of the hall and a charge may be assessed for such items. The rental charge includes the use of bed linen, electric lights, and janitor service.

Bed linen, bedspreads, and curtains are furnished and laundered for all residents. Porter service is provided for the entire building. Young men rooming in this hall are expected to furnish their own blankets, towels, study lamps, and rugs. The hall is completely closed during the Christmas and spring vacation periods. Rooms must be engaged in advance.

ROOM RENT IN WOMEN'S RESIDENCE HALLS—The rent for rooms in Phillips Hall for young women range from \$60.00 to \$80.00 per semester for each student. Single rooms and double rooms are available.

The rent for rooms in Helwig House for young women is \$50.00 to \$60.00 per semester for each student. Single rooms and double rooms are available.

The rent for rooms in Gateway Hall for young women is \$50.00 to \$60.00 per semester for each student. Single rooms and double rooms are available.

The rental charge in Phillips Hall, Helwig House and Gateway Hall includes such items as electric lights, janitor service, use of kitchenettes, and laundries. Permission for the installation of radios and special electrical equipment must be obtained from the Head of Residence and a charge may be assessed for such items.

Young women living in these Halls are expected to furnish comforts, blankets, sheets, pillow cases, towels, study lamps, and rugs. Maid service for the care of the rooms is not provided. The Halls are completely closed during the Christmas and spring vacation periods. Rooms must be engaged in advance.

ROOM RENT IN DORMITORY HOUSES—Rooms in these houses are for young women affiliated in a sorority group. They are rented by the individual student who signs a rental contract for her room under the same conditions which apply in other residence halls but the sorority group is responsible for providing a minimum number of occupants. If this number is not provided the group can be charged a monthly rental to take care of the loss of income to the college.

The rent for rooms in these houses for young women ranges from \$45.00 to \$55.00 per semester for each student. Single and double rooms are available. The rental charge covers the cost of utilities service but the expense for the care and supervision of the houses is the responsibility of the sorority. Permission for the installation of radios and special electrical equipment must be obtained from the Head of Residence and a special fee may be assessed for certain such items.

Young women living in these houses are expected to furnish comforts, blankets, curtains, sheets, pillow cases, towels, study lamps, and rugs. They are expected to care for their own rooms. These buildings are completely closed during the Christmas and spring vacation periods.

BOARD FOR WOMEN—Board in Phillips Hall is for young women only and the charge is \$6.00 per week. All young women students are expected to board there. The price of board in Phillips Hall is subject to revision in case of a change in general price levels.

BOARD FOR MEN—Young men may board at various clubs, fraternities, and eating houses in the village. These provide boarding facilities with charges ranging from \$5.00 to \$6.00 per week. Restaurants and tearooms care for some student boarders.

During "Freshman Week" and the first two weeks of the freshman year, freshman men are required to board at Phillips Hall as a part of the orientation program of the college. The price of board for this period is \$15.00.

HEALTH AND MATRICULATION FEE—A health and matriculation fee of \$10.00 each semester is charged to all students. This fee covers the special services that are ordinarily charged for student health fee, library fee, gymnasium fee, etc.

STUDENT ACTIVITIES FEE—A student activities fee of \$10.00 each semester is charged to all students. This fee provides for participation in athletic competition and contests, an interesting program of lectures and concerts, and a variety of extra-curricular activities directly managed by the Student Board of Governors.

ESTIMATED EXPENSES FOR FRESHMAN YEAR

FOR MEN:

Tuition (\$125.00 per semester)	\$250.00
(Includes fifteen academic hours or less. For each academic hour in excess of fifteen, an additional \$8 is charged. No charge is made, however, for required courses in orientation and physical education.)	
Room (\$60 to \$75 per semester)	\$120.00 to \$150.00
(Cochran Hall. Includes heat, light, bed linen, and porter service.)	
Board (Average \$5.50 per week)	\$192.00
(Includes three meals a day at fraternity houses, local tea room, restaurants, etc.)	
Student Activities Fee (\$10 per semester)	\$ 20.00
(This fee provides for participation in athletic competition and contests, an interesting program of lectures and concerts, student publications, college social functions, and all extra-curricular activities.)	
Health and Matriculation Fee (\$10 per semester)	\$ 20.00
(This fee covers the special services that are ordinarily	

charged as student health fee, library fee, gymnasium fee, etc.)

FOR WOMEN:

Tuition (\$125 per semester)\$250.00

(Includes fifteen academic hours or less. For each academic hour in excess of fifteen, an additional \$8 is charged. No charge is made, however, for required courses in orientation and physical education.)

Room (\$55 to \$80 per semester)\$110.00 to \$160.00

(Includes light, heat, janitor service, use of kitchenettes and laundries. • Young women are expected to furnish bed linen, blankets, etc. Rooms are available in Phillips Hall, Gateway Hall, and Helwig House.)

Board at Phillips Hall (6.00 per week)\$210.00

(All young women students in the college are expected to board at Phillips Hall.)

Student Activities Fee (\$10 per semester)\$ 20.00

(This fee provides for participation in athletic competition and contests, an interesting program of lectures and concerts, student publications, college social functions, and all extra-curricular activities.)

Health and Matriculation Fee (\$10 per semester)\$ 20.00

(This fee covers the special services that are ordinarily charged as student health fee, library fee, gymnasium fee, etc.)

Miscellaneous Freshman Fee required for both Men and Women.

Admission Fee (All new students)\$ 10.00

(This fee must be paid before any action is taken on applications for admission. It also serves as a room reservation and breakage fee and is refunded at the end of the year provided no damage is done to the room or its equipment.)

Freshman Week Fee (First semester only)\$ 5.00

(Covers freshman testing program, etc.)

Deposit for Dormitory Room Key\$ 1.00

(Refunded on return of Key.)

payment has been made. Scholarship awards do not apply on the required minimum payment. In case the student's account is less than \$50.00 full payment of the same is required in advance.

All accounts must be paid in full within two weeks after registration. For the first semester of 1940-1941 the final day for settlement of accounts is October 2, 1940 and for the second semester the final day is February 10, 1941. Arrangements may be made for a deferred payment on accounts by proper application. When tuition, room rent, and fees are not paid on the Registration Day, the same are charged with an additional ten per cent carrying charge which is added to the college account. This carrying charge is cancelled upon any part of the account that is paid during the two weeks period. After that day, this charge becomes a part of the regular account and must be settled for under terms described below. There can be no change in the tuition or fees charged a student because of a reduction in credit hours in his schedule of courses after the first two weeks of any semester.

When arrangements have been made to take care of the student's account by deferred payment, an application for deferred payment, addressed to the Committee on Financial Aid, must be filed in the Bursar's Office before or at the time of registration. This application must state the student's willingness to sign a note to cover the balance due to the college. These notes must be signed by the student and endorsed by the parents or guardian. These are drawn so that the installments will fall due on the fifteenth of each month in amounts agreed upon in connection with the approval of the application for deferred payment. These notes, properly executed, must be in the Bursar's Office before the end of the period of two weeks allowed for the settlement of accounts.

No student will be allowed to take final examination or to receive academic credit of any kind in any semester until all his financial obligations to the college have been met. In case a student withdraws from college, all charges except certain special fees are refunded on a pro rata basis, figured to the end of the week on which the withdrawal takes place. Scholarship awards are not applied on the accounts of students who withdraw before the end of the semester.

Checks in payment of all college accounts should be made payable to Bethany College, Bethany, West Virginia.

Freshmen will register Monday, September 16, 1940, and "Freshman Week" charges are payable on this day at the Bursar's Office. These include the freshman fee of \$5.00 and board for "Freshman Week" and the first two weeks of the semester, and dormitory key deposit; a total of \$21.00.

Final registration for freshmen is on Thursday morning, September 19, 1940, and all accounts for freshmen are payable at that time. All other students will register and make payment of their college accounts on Thursday afternoon, September 19, 1940. Registration for the second semester is January 28, 1941, and all second semester accounts are payable on that date.

OPERATION OF DORMITORIES

Room assignments in all college dormitories are made for the academic year. For freshmen they are made in the order of application; for upperclassmen, in the order of class membership, supplemented by the drawing of lots. Any request for a change of assignment must be approved by the officer in charge, and a new contract issued. Preference is given to upperclassmen only up to May 1.

Double rooms may not be occupied by one student without extra charge. In case a student withdraws from college, charges will be refunded on a pro rata basis figured to the end of the week in which the withdrawal takes place.

Dormitories will be open for freshmen from Saturday noon, September 14, 1940. Regular meals will be served beginning Sunday evening, September 15th. Dormitory rooms will be open for upperclassmen Thursday noon, September 19th. The dormitories will not be open during the vacation period. Lower division students will be expected to vacate their rooms by Saturday noon, June 7, 1941, unless special permission has been granted for these rooms to be occupied for a longer period of time.

Bethany College reserves all rights in connection with the assignment, termination of occupancy, and re-assignment of rooms in all dormitories.

It is further understood that the College reserves the right to make legitimate charges against the room and breakage deposit fee for any damage done to the room or its furnishings, and to demand forfeiture of the key deposit fee if keys are not returned immediately after a room is vacated.

SCHOLARSHIPS AND FINANCIAL AIDS

FRESHMAN SCHOLARSHIPS

HONOR SCHOLARSHIPS—By action of the Board of Trustees, the administration of the college has been authorized to award scholarships to the amount of \$150 to well recommended freshmen students who enter Bethany College ranking at the top of their graduating class from high school or preparatory school. A limited number of scholarships ranging in amount from \$50 to \$100 are available for others who rank high in their class, and who would be unable to attend college without such financial help.

These scholarships are awarded for one year, on the basis of one-half for the first semester and one-half for the second semester. Students who accept honor scholarship awards are expected to complete the college year.

COMPETITIVE SCHOLARSHIP EXAMINATIONS—Early in May the college holds a competitive examination for high school seniors, and thirty scholarships ranging in amount from \$600 to \$500 are awarded to students making high scores on the examination. These awards are on the basis of \$150 or \$125 for each of the four college years. The competitive examination for the 1940-1941 awards will be held at the college on May 4, 1940. The competitive examination for the 1941-1942 will be held at the college on May 10, 1941.

REGIONAL ALUMNI SCHOLARSHIPS—Ten regional alumni scholarships are to be awarded to freshmen of unusual ability upon recommendation of the alumni groups in various districts. These are located all over the United States and are designated by the Bethany College Alumni Association in collaboration with the administration of the college. These scholarship awards are for an amount of \$600 applicable on the tuition account of the student at the rate of \$75 per semester. The scholarship may be discontinued at any time the student fails to make an academic point average of 1.25 at the end of any one semester.

To be eligible for any one of these awards, the student must come from the upper quarter of his high school graduating class, he must have demonstrated interest in extra-curricular activities by active

participation, he must be well recommended by responsible school officers, and he must have the endorsement of Bethany alumni in his area.

GENERAL REGULATIONS—All scholarships for freshmen are awarded by the Committee on Financial Aid after consultation with the Committee on Admissions and the Director of High School Relations. It is intended that freshman awards should apply for the full year but no award will be continued beyond the first semester if the student fails to abide by the regulations and ideals of the college. Applications must be filed with the Director of High School Relations on or before August 20, 1940. All applications from new students must be accompanied by a transcript of secondary school work and the required Application for Admission. All freshmen who receive scholarships or any direct student aid from the college are required to live in college dormitories for the first year.

Students will be eligible to receive only one award. Students qualifying for more than one must select the award which they prefer to accept.

SCHOLARSHIPS FOR UPPERCLASSMEN

TRUSTEES SCHOLARSHIPS—Sophomores, juniors, and seniors may apply for scholarship awards to the amount of \$50 to \$150, which have been authorized by the Board of Trustees for students above the freshman rank who maintain a high grade of academic work and who would be unable to continue in college without such financial assistance. It is expected that in each case the applicant shall have met the following conditions:

1. His academic record must be above a 1.25 average in the academic year preceding the application.
2. His financial obligations to the college met promptly.
3. His influence on the student body in every sense wholesome.
4. His continuance in college dependent upon some financial assistance.
5. He shall have made a worthwhile contribution to the life of the college and the college program.

Scholarships of \$150 are not usually awarded to students who have other forms of financial aid such as student employment. Aca-

ademic standing and accomplishment are the chief criteria for scholarship awards.

It is understood that the following reasons will operate to cancel this scholarship for the next semester:

1. Failure to maintain an average grade of at least C.
2. Serious academic censure for any cause.
3. Unsatisfactory conduct.

All applications for scholarship awards from members of the present student body must be filed on or before May 20, 1940. Applications received after that date cannot be acted upon for the next college year. When a trustee scholarship is awarded the recipient is asked to sign a statement indicating his acknowledgment of an obligation and his intent to pay same after graduation. Applications for scholarships for upperclassmen should be filed with the Dean of Students.

DESIGNATED SCHOLARSHIPS—The following scholarships have been especially designated by friends of the college and are subject to such special provisions as are mentioned:

MARY A. MORRISON SCHOLARSHIP—This is a scholarship covering three-fourths of the cost of tuition. The student enjoying the benefits of this scholarship is to be named by the administration.

ISAAC MILLS SCHOLARSHIP—This scholarship covers a part of the tuition charge, the benefits of which are to be received by a ministerial student.

G. A. WILLETT SCHOLARSHIP—This scholarship of \$100 per semester applies on tuition. The student receiving the benefits of the same is to be nominated by a member of the Willett family.

ISAAC BROWN SCHOLARSHIP—This scholarship covers \$30 on tuition cost per semester.

ALBERT C. ISRAEL SCHOLARSHIP—This scholarship yields \$20 per semester to apply on tuition of a descendant of Albert C. Israel.

JENNIE I. HAYES SCHOLARSHIP—The income from this scholarship fund is awarded for the purpose of helping students who are preparing for the mission field or the ministry. The students who receive the benefits of this scholarship are to be nominated by the donor.

IDA M. IRVIN SCHOLARSHIP—The income from this scholarship fund is awarded to students who have reached the senior year in their college course. The students receiving benefits from this scholarship are to be nominated by the Committee on Student Aid after consultation with the donor.

HERBERT MONINGER SCHOLARSHIP—A scholarship endowed in memory of Mr. Herbert Moninger, a graduate of the college. The annual income of this scholarship is to be used to help some worthy student.

JOSIAH WILSON SCHOLARSHIP—As a memorial to Josiah N. and Wilmina S. Wilson and Nora B. Wilson a scholarship fund was established by Josiah N. Wilson. The income is used to aid some student or students who are preparing for the Christian ministry.

M. M. COCHRAN SCHOLARSHIPS—Several scholarships covering a part of the tuition charge. The students who receive the benefits of these scholarships are to be nominated by the President of the college.

Students getting designated scholarships must meet the same general requirements as for Trustee Scholarships but they are not expected to sign a statement indicating intent to repay the amount of the award.

RECOMMENDATION SCHOLARSHIPS—High school seniors in the Pittsburgh area are often recommended for scholarship awards on the basis of aptitude tests administered under the sponsorship of the Civic Club or the endorsement of the Phi Beta Kappa Association of Pittsburgh. In each case, the final award is in the hands of the college administration, but the recommendation or endorsement is almost always given favorable consideration. Awards to students who have such recommendation are usually \$150.00 for each of four years.

MINNIE W. SCHAEFER FUND—A fund of \$5,000 set up by the will of Mrs. Minnie W. Schaefer of Mt. Vernon, Ohio, the income of which is to be awarded to students planning for definite Christian service.

J. T. SMITH FUND—A fund of \$17,500 established by J. T. Smith of Memphis, Tennessee, the income of which is to be made available for students preparing for the Christian ministry or some other form of Christian service.

RHODES SCHOLARSHIPS—Men who have completed their sophomore year at Bethany College are eligible to compete for the Cecil Rhodes Scholarship, tenable for three years at Oxford University, England, with a stipend of \$1,500 each year. These scholarships are awarded on the combined basis of character, scholarship, athletic ability, and leadership in extra-curricular activities. Further information may be obtained from the Dean of Students.

SENIOR FELLOWSHIPS—Upon careful recommendation certain members of the junior class are designated as Senior Fellows during the following year. The selection is made only of students who have attained unusual excellence in the field of their major study and who by character and ability can do special work in a major department, as an assistant in some phase of instruction or research. The Senior Fellowship carries a small stipend. Not more than six senior fellowships are awarded in any one year.

The selection of Senior Fellows is made by the Committee on Honors from the nominations of department heads. It is intended that each Senior Fellow shall be given freedom to pursue the intellectual life and that he shall have the benefit of tutorial instruction in the department in which he works.

FOREIGN EXCHANGE FELLOWSHIPS—Through the Institute of International Education Bethany College offers to suitable graduates the privilege of candidacy for fellowships for graduate work in European universities. Candidates for these fellowships must have a fair knowledge of the language of the country to which they are sent. They must have been graduated with a superior record in scholarship, and must be representative of the best type of American student. Applications must be in the hands of the Dean of Students by January 10. Each Fellow will be assigned to the university selected by the foreign exchange office of the Ministry of Education in the country concerned.

Each year at least two students from foreign countries come to Bethany to study on fellowships provided by the college administration. These students come to interpret their own people and their national culture to American student life. These awards are made only to students who are recommended by the Institute of International Education.

FINANCIAL AIDS.

BETHANY COLLEGE LOAN FUND—By the action of the Board of Trustees, the several loan funds of the college have been consolidated into the Bethany College Loan Fund. Loans from this fund may be obtained by students on complying with the conditions governing the same. Approved security is required from all those borrowing from the fund. The amount of money that any student can borrow in a single year as well as the total amount available to any student is limited by the size of the fund. Money is loaned without interest while the student is in Bethany College. All notes bear interest from the date of their maturity.

Applications for loans must be made to the Committee on Financial Aid through the Executive Secretary. The Committee will meet to review such applications on September 5, 1940, January 10, 1941, and May 10, 1941. All financial obligations to the college including the loan fund must be paid before an official transcript of the student's academic record can be issued.

The Loan Fund was started by gifts from the Hon. T. W. Phillips of New Castle, Pennsylvania, who donated to the Trustees of the College a total of \$10,000 for this purpose more than fifty years ago. Other gifts and accrued interest together with appropriations from the general funds of the college have increased the total fund. The notes receivable now total \$54,248.71.

STUDENT EMPLOYMENT—Limited opportunities for students to earn money for college expenses are afforded, but under no circumstances is it possible for a student to earn all of his expenses. The college will not undertake to provide student employment of any kind beyond \$100.00 as a total for one year.

Students may be designated as assistants in the various departments of the college, or to work on special projects which may be undertaken by members of the faculty. Women students are sometimes employed for clerical, stenographic, or library work at the college, or in kitchen or dining room work at Phillips Hall. There are occasional opportunities for employment in certain of the homes in the village. Men students are often placed in maintenance or janitor work at the college. Other opportunities open are waiting table, tending furnaces, doing household work, etc.

During the past three years many opportunities for student employment were furnished through the National Youth Administration.

Applications for student employment must be filed on a proper form and must be accompanied by a deposit of \$5.00 as a guarantee of faithful performance. In case work is not obtained the deposit will be refunded. The college is not able to assure any student of continuous employment. A careful study of the student's needs and general welfare will be made by the committee caring for student employment as each application is considered. Applications for student employment should be filed with the Executive Secretary.

Prospective students should not consider beginning a college career unless adequate financial arrangements have been made for at least the first year. A few students may find it possible to earn enough money to pay part of their expenses. It is advisable, however, for the new students to adapt themselves academically before attempting outside work.

PLACEMENT

The Admissions and Personnel Office is concerned with placement service and its facilities are available for students and prospective employers. It assists students needing to secure part-time employment while attending college and those who need to find summer work; it helps members of the graduating class who are seeking their first positions or making applications for graduate fellowships; and it gives as much assistance as possible to alumni who keep in touch with the office. The office does not plan to find employment for anyone or to assume the responsibility for making all contacts with prospective employers. One of the most helpful services which the office is able to render to seniors and graduates is that of collecting confidential letters of recommendation from the faculty members, academic and personal data, and then making these available to employers, graduate schools, etc., to which the candidate applies. No charge is made for this service.

Employers are encouraged to use the Admissions and Personnel Office in filling positions and they are assured that their interests as well as those of the candidates will be considered. Correspondence and personal visits are invited in regard to positions for which college trained men and women are desired and in regard to summer work which can be done by college students. Letters should be addressed to the Dean of Students or to the Recorder.

EDUCATIONAL PROGRAM

INSTRUCTION

The dominant tone in the instructional activities at Bethany College is an emphasis upon the common adventure of students and instructors in learning and living. The whole college experience is interwoven with opportunities for exchanging ideas, for giving and absorbing inspiration, and for all kinds of cordial faculty-student relationships. The student is encouraged to find and further himself in the intellectual life, and, with the help of faculty counselors, to use all of the college resources in terms of valid educational objectives.

The instructional and guidance plan of the college makes it possible to treat students as individuals with differences in experience, attitudes, and interests. During the first two years, there are frequent individual conferences for the student with his counselor on the progress in courses, projects of study undertaken, and total adjustment in academic, vocational, and social matters. During the last two years of the college experience independent work and self-propelled study are given greater consideration. In regular courses the writing of papers upon projects involving independent research and critical thinking is emphasized, and conferences upon these papers involve close discussion with instructors as to content, soundness and effectiveness of the students' work. Special problems courses for individual study may be planned for reading and research in materials not covered by the formal courses, and in the laboratories minor research is promoted. Systematic reading and independent study of all kinds during the summer as well as during the college year, are encouraged and occasionally these form part of a student's formal program.

The college strives to be a democracy of teaching and learning, in which the give-and-take of discussion between students and instructors in frequent group conferences, in individual tutorial work and in the laboratories, encourages the development of the students' judgment and critical insight. Problems are freely and concretely discussed in an atmosphere of lively criticism. The character of the college plan, a small and select student body and a relatively large faculty primarily interested in teaching and counseling, contribute to effective intellectual activity.

The Academic Council and the Dean of the Faculty give direction and supervision to the instructional program of the college.

LOWER DIVISION

The college curriculum and general plan of instruction recognize a lower division and an upper division. The lower division represents the traditional freshman and sophomore years, and the upper division the traditional junior and senior years. These divisions reflect the progression and educational growth that is expected of students as well as the differences in instructional procedure and purpose of the curriculum at the two levels.

The work of the lower division is intended to complete what is usually termed a "general education" and it represents the undergirding of the student's cultural and academic experience. It is based on the belief that the student should become familiar with different fields of knowledge and that the program of general education offered in higher institutions should be essentially a continuation, on a higher level, of academic work in the secondary school. Students are urged to elect widely in the instructional departments of the college and every major department has survey courses for the lower division students.

One of the chief objectives in the first two years is for the student to discover the field or fields of human achievement in which he possesses a marked and sustained interest combined with distinct ability. Some of the freshmen know what they want to do in college and will have valid reasons for so doing. Others have temporary enthusiasms, preferences and aversions based upon inadequate school experience. Still others, although of good intellectual ability, have no well-defined intellectual purposes or interests. Oftentimes there is need to explore the possibilities in several of the instructional departments of the college. During either the secondary school or college years such exploration is a necessary basis for the intelligent choice of a field of major work. In the selection of subjects or groups in the lower division, the student may be guided somewhat by the nature of the subjects taken in the secondary school so that by the close of the second year he will have a general acquaintance with several fields of knowledge.

In the lower division the student usually completes the prescribed courses for graduation and he may elect some course work in a ma-

jor field. The courses usually elected by freshmen include a foreign language, science or mathematics, history, English, and physical education. An orientation course dealing with college adjustment and vocational selection problems is required as a part of the freshman year. A general survey examination is required at the end of the lower division work. The individual profiles from this examination are used for educational guidance. This examination is given under the direction of the Committee on Measurement and Guidance of the American Council on Education.

UPPER DIVISION

In the upper division all students work directly under the professor in charge of the major subject. The teaching procedures and materials give emphasis to individual initiative and concentrated work. As far as possible the student's work is library-and-laboratory centered. Extensive reading, problems, and seminars are regular procedures in upper division instruction. The development of an ability to form thoughtful judgments and evaluations, the "attitude of the searcher," and sustained intellectual interests, are a part of the instructional aims at this level. A comprehensive examination, oral and written, in the major subject is required near the end of the senior year.

Students are expected to select their major and minor work in departments that offer adequate courses, and in the upper division a large part of the student's program will center about this department and its allied fields. The major work should be planned as a unified and coherent whole. It should not consist of a series of unrelated courses. Course distinctions need be retained only to such an extent as may be necessary to fit the existing machinery of the college, but they are not to be made sufficiently rigorous as to interfere with the establishment of a properly unified major. The major may be confined to the work of a single department, or related departments may offer "functional majors" embracing work in two departments, if the work is planned and administered as a homogeneous unit.

COMPREHENSIVE EXAMINATION

Near the end of the senior year, as a final prerequisite to the degree, each student is required to pass a comprehensive examina-

tion—written and oral—in his major subject; an examination which tests the accomplishments of the student in the whole range of the major. The written part of the examination is given in two days by the major department. The oral part is given at some designated time by a committee selected by the major department from the faculty of any accredited college or university. No course examinations are required at the end of the final semester unless the student is not doing satisfactory work in a course. The instructor of that course may then require the semester examination as a final evaluation.

The comprehensive examination is set and graded with the following points in mind: it shall constitute a test of the major subject as a whole and shall offer the opportunity to the student to show his powers of independent thought in that field; it shall not be a test in which the main stress is put on the memorization and repetition of facts; it shall not be a test, the passing of which is unduly difficult of attainment by students of ordinary intellectual ability who have honestly attempted the work of synthesizing the material of the major subjects; and it shall, at the same time, be a test sufficiently searching so that each student may have the opportunity of showing to what extent he may have progressed in his powers of handling material in his chosen subject.

A reading period of two weeks is set aside each year for all seniors who want to make a final review of materials before the examination dates. Candidates for degrees are expected, however, to use the entire senior year in making a review and synthesis of their major work.

STUDENT GUIDANCE

From the beginning of his college career each student has an individual faculty counselor. After the freshman year the counselor is normally a faculty member in the field in which the student is doing his major work. The student has unusual opportunities to be in frequent contact with his counselor, and reports of accomplishment and difficulties can be made directly to him. The student-counselor relationship, including in its range the student's entire personal and educational development, occupies a significant place in the college plan at Bethany. So far as possible it replaces general faculty regulations with an individualized program aiming at continuity, correlation and integration of work. These counselors,

while ministering to all the needs of the student, have as their most important function the interpretation and presentation of sound educational objectives.

The counselor is concerned with the student's selection of courses, his academic progress, standards of conduct, vocational plans and objectives, recreational and social expression. It is hoped that in personal counseling with faculty members there may be implanted in the student a vivid notion of definite and feasible goals toward which he can shape his course and an appreciation of the ideals of scholarship and character that belong to the best traditions of the academic world.

The chief officer in charge of student welfare, student guidance and the coordination of all personnel administration is the Dean of Students. His office is intended to unite all the functions and activities which relate themselves to the personal and educational development of individual students so that there may be an adequate understanding of their problems and a planned solution for the same. The Dean of Students shares in the counseling activities, giving a major part of his time to confronting and dealing with individual students and their adjustments to the college experience and to the larger society. Students may use his office and staff freely in all matters that concern their personal interests and needs as well as their educational progress and development.

The formulation of policies related to student welfare, guidance and personnel administration is undertaken by the Council on Guidance and Personnel. In some instances members and officers of the student body meet with the Council and participate in the development of policies and plans. The Council serves as a coordinating group and its membership includes college officers representing the academic, social, health, religious, residence, and adjustment phases of student personnel administration.

COOPERATIVE STUDY

With twenty-one other colleges and universities Bethany College is now participating in a cooperative study of general education. This study is sponsored by the American Council on Education and is under the direction of Dr. Ralph W. Tyler and a central staff of experts of the University of Chicago. It is the purpose of this study to make a thorough evaluation of the program of the college, pri-

marily for the first two years of collegiate work. This cooperative study which began in 1939 will continue for three years at which time there will be a general evaluation of the results. Professor Eliassen is the liason officer for the Bethany faculty. The general direction of the study at Bethany is in charge of the Academic Council.

SUGGESTED CURRICULA

GENERAL PLAN—The predominant idea in the curriculum at Bethany College is to provide sound instruction in the liberal arts and sciences. By grouping courses a student can prepare himself for certain rather specific vocational or professional purposes.

The faculty has authorized the Council on Guidance and Personnel to list "suggested curricula" which combine courses offered in various departments of the college for the guidance of students. These can be so planned that they meet the requirements for the baccalaureate degree and at the same time serve genuine vocational objectives. Out of the diversified academic and technical facilities of Bethany College have been built suggested courses of study for students who are preparing for certain specific vocational goals. It is not intended that these should be rigid requirements but rather the careful judgment of the Council on Guidance and Personnel as to how the curriculum can serve individual students as they plan for certain post-graduate careers. These are described in this section.

FIRST YEAR—In most cases the general requirements for the freshman year will fit into the later educational and vocational plans for students. Most freshmen should plan to enroll for courses about as follows for each semester of the first year.

- | | |
|---|--------|
| 1. English composition or literature..... | 3 hrs. |
| 2. Foreign Language..... | 3 hrs. |
| French, German, Spanish, Greek, Latin | |
| 3. History or Political Science..... | 3 hrs. |
| 4. Orientation 11-12 | 1 hr. |
| 5. Physical Education | 1 hr. |

and six semester hours elected from courses open to freshmen in the various departments of the college. These include:

Biblical Literature
Biology
Chemistry
Economics
Library Science

Mathematics
Music
Physical Education
Secretarial Training

Deviations from this program can be made with the advice and consent of the faculty counselor because each student is recognized as an individual whose training in the past and whose plans for the future may differentiate him from his fellows.

SECOND YEAR—All students are strongly urged to complete the general course requirements for graduation by the end of the second year in college. The major field must be selected by the end of the sophomore year and the foreign language requirement should be satisfied.

The graduation requirement in foreign language must be completed before the student can become a candidate for a degree. Courses in physical education, English or world literature, art appreciation or music appreciation are recommended.

BUSINESS ADMINISTRATION

As preparation for entering any of the occupations in the general field of business or any of the business activities of government, commercial and regulatory, students can get broad and helpful training by taking their major work in economics and business administration. Related courses in sociology, political science, mathematics and psychology should be elected. Students considering going into business administration or those who wish to prepare for specialized training in graduate or technical schools in this field are referred to Professor Crobaugh.

LOWER DIVISION

Economic Geography (Econ. 33)	Mathematical Analysis (Math. 11-12)
Principles of Economics (Econ. 43-44)	Mathematics of Statistics (Math. 37)
Statistics (Econ. 47 or Math. 37)	Mathematics of Finance and Investment
Elementary Accounting (Econ. 45)	(Math. 38)
Intermediate Accounting (Econ. 46)	Public Speaking (Sp. 41-42)
General Sociology (Soc. 41-42)	General Psychology (Psy. 31-32)

UPPER DIVISION

Money and Banking (Econ. 51-52)	Public Utilities (Econ. 56)
Labor Problems (Econ. 53)	International Economic Policies (Econ.
Insurance (Econ. 54)	73)
Public Finance (Econ. 55)	Economic Theory (Econ. 83-84)
Applied Psychology (Psy. 66)	Advanced Accounting (Econ. 63)
Business Administration (Econ. 61)	Cost Accounting (Econ. 64)
Marketing (Econ. 62)	Corporation Finance and Investments
Business Law (Econ. 65)	(Econ. 68)
Public Administration (Pol. Sc. 58)	

EDUCATION—TRAINING OF TEACHERS

Students who are preparing for teaching in secondary schools or for guidance counselors in social or educational fields can get professional training in the Department of Education.

Properly qualified candidates for teaching certificates are privileged to observe and do practice teaching in the secondary schools of Brooke County. The Bethany High School is regularly used for practice teaching. The excellent schools of Wellsburg, Warwood, Avella, and Steubenville are accessible and are available for observation in special subjects.

STATE RECOGNITION—The Departments of Public Instruction of New York, Pennsylvania, Michigan, Illinois, Ohio, West Virginia, and several other states have placed Bethany College on the approved list of schools for the training of teachers. This means that graduates of Bethany College may teach in the secondary schools of these states without taking the usual teacher's examination, provided they complete courses that satisfy the requirement of the state in which the teaching is to be done.

HIGH SCHOOL TEACHING—Students who have chosen high school teaching as a vocation should take their major or minor work in subjects that are taught in modern high schools. Professional requirements for teaching certificates in the various states may be met by electing proper courses in the Department of Education. Prospective teachers are advised to consult with Professor Eliassen near the close of the freshman year concerning courses necessary to meet requirements of certain states. It is recommended that only students of high academic standing prepare for teaching. Some of the courses especially recommended are:

Educational Psychology (Psy. 42)	Philosophy of Education (Ed. 51)
Introduction to Education (Ed. 31)	Psychology of Adolescence (Psy. 60)
Mental Hygiene (Ed. 64)	Measurements (Ed. 61 or Psy. 62)
Observation and Directed Teaching (Ed. 81 or 82)	Special Methods (Ed. 85 or 86)

SPECIAL FIELDS—The continued demand for well trained teachers in the special fields of music, physical education, and commercial education should attract a number of students. Meeting the state requirements for teaching in these three fields is somewhat more complicated than for the regular academic subjects. Students are,

therefore, urged to carefully check their programs with the respective heads of departments each time that they register.

ELEMENTARY SCHOOL TEACHING—Any student who wishes to prepare for teaching at the elementary school level may select certain courses, i.e. hygiene, music, child psychology, introduction to education, history of education, educational measurements, mental hygiene, educational psychology, educational sociology, and philosophy of education which count to the usual elementary certificate. Practice teaching for the elementary grades may be completed in some summer school. Prospective elementary school teachers are advised to consult with Professor Eliassen concerning the exact courses necessary to meet requirements of certain states.

GUIDANCE COUNSELORS—Students wishing to prepare for guidance counselors in high schools may do so by electing the proper courses. Members of the Department of Education should be consulted for information concerning the requirements for guidance certificates in certain states. In some states the following courses are needed to get guidance certificates:

Measurements (Ed. 61 or Psy. 62)	Labor Problems (Econ. 53)
Guidance (Ed. 78)	Applied Psychology (Psy. 66)
Principles of Economics (Econ. 43-44)	Abnormal Psychology (Psy. 58)
	Business Administration (Econ. 61)

FIFTH YEAR—Students who are preparing to teach often find it difficult to secure a well rounded liberal arts background in addition to meeting the academic and professional requirements for certification in one or more states. The Department of Education sometimes recommends that certain students who are preparing to teach should plan to spend a fifth year in studying professional courses and especially to do practice teaching.

PRE-ENGINEERING

The courses in mathematics, physics, chemistry, English, and economics as given in the small liberal arts college offer the pre-engineering student a good foundation in engineering with the cultural background and the more individualized instruction that is usually denied the technical student. Students preparing for

engineering should confer with Professor Allen. The following studies should be included in the first two years of work for pre-engineering students:

Mathematical Analysis (Math, 11-12)	Geology (Geol. 36)
Differential and Integral Calculus (Math. 31-32)	Principles of Economics (Econ, 43-44)
General Physics (Phys. 31-32)	General Chemistry (Chem. 11-12)
Economic Geography (Geog. 33)	Quantitative Analysis (Chem. 25-26)

JOURNALISM

Students preparing for journalism or creative English should elect widely in all courses in the Department of English. Electives in political science, sociology, history, and economics are recommended. Students interested in journalism should confer with Professor Roberts.

LOWER DIVISION

English Literature (Eng. 31-32)	Public Speaking (Speech 41-42)
General Psychology (Psy. 31-32)	Principles of Economics (Econ. 43-44)
Modern Governments (Pol. Sc. 11-12)	
Typing (Sec. Tr. 11-12 or 21-22)	Art Appreciation (Art 31-32)

UPPER DIVISION

Reporting (Jour. 53)	History of Journalism (Jour. 66)
Journalistic Types (Jour. 54)	Public Administration (Pol. Sc. 58)
Feature Writing (Jour. 63)	Advertising (Jour. 65)
Editorials and Public Opinion (Jour. 64)	History of Philosophy (Phil. 53-54)
	Economics and Sociology
	Biblical Literature (Bib. Lit. 75-76)

PRE-LEGAL

Students who are preparing to enter a law school should have completed the regular college courses and obtained the Bachelor of Arts degree. Although there are usually no rigid requirements for admission to law schools, the preparation in undergraduate work should include English composition, public speaking, American and English history and psychology. It is also advisable for pre-law students to elect courses in economics and political science, but they may select their major work in departments not included in Group III. Provost Woolery is the adviser for students interested in the study of law. It is recommended that pre-legal students participate in debate and forensic activities.

LOWER DIVISION

Principles of Economics (Econ. 43-44)	General Sociology (Soc. 41-42)
Public Speaking (Speech 41-42)	General Chemistry (Chem. 11-12)
American History (Hist. 41-42)	Mathematical Analysis (Math. 11-12)
	General Psychology (Psy. 31-32)

UPPER DIVISION

Money and Banking (Econ. 51-52)	Public Administration (Pol. Sc. 58)
Applied Psychology (Psy. 66)	Constitutional Law (Pol. Sc. 79)
History of Philosophy (Phil. 53-54)	Victorian Literature (Eng. 65-66)
Public Utilities (Econ. 56)	Public Finance (Econ. 55)
Business Law (Econ. 65)	

PRE-MEDICAL

For students intending to take up the study of medicine, the college offers courses which satisfy the entrance requirements of the best medical schools in the country. All pre-medical students are advised to complete a four-year course. For many years Bethany has been approved by the Executive Council of the Association of American Medical Colleges for pre-medical training. Dean Weimer is the consultant for students interested in preparation for the medical or nursing professions.

LOWER DIVISION

General Chemistry (Chem. 11-12)	Vertebrate Anatomy (Biol. 36)
General Biology (Biol. 11-12)	Mathematical Analysis (Math. 11-12)
Heredity and Eugenics (Biol. 43)	German or French
General Physics (Phys. 31-32)	General Sociology (Soc. 41-42)
General Psychology (Psy. 31-32)	English Literature (Eng. 31-32)

UPPER DIVISION

Advanced Qualitative Analysis (Chem. 58)	Organic Chemistry (Chem. 61-62)
Theory of Physical Chemistry (Chem. 71)	Histology (Biol. 76)
	Vertebrate Embryology (Biol. 78)
	Abnormal Psychology (Psy. 58)

It is also possible for students to arrange courses that will provide background for training as medical technologists and laboratory technicians.

PRE-DENTAL

All dental colleges require a minimum of one-year pre-dental work in a college or university of recognized standing. An increasing number of the better dental schools require two years of pre-

professional training for entrance. Students preparing for dentistry should consult Dean Weimer. The following courses are usually recommended:

General Chemistry (Chem. 11-12)	Organic Chemistry (Chem. 61-62)
General Biology (Biol. 11-12)	Principles of Economics (Econ. 43-44)
Vertebrate Anatomy (Biol. 36)	General Psychology (Psy. 31-32)
Advanced Qualitative Analysis (Chem. 58)	English Literature (Eng. 31-32)
Heredity and Eugenics (Biol. 43)	General Physics (Phy. 31-32)
	Mathematical Analysis (Math. 11-12)

PERSONNEL AND GUIDANCE

It is recommended that those who are planning to do personnel work in business, industry, or social service agencies should major in economics and that those who will enter student personnel or guidance work in connection with educational institutions should major in some teaching subject such as history, science, or English. Certain courses in education, psychology, sociology, and biology can provide a good background for later study or professional work in this field. Students planning to prepare in this field should confer with Dean Kirkpatrick.

LOWER DIVISION

General Psychology (Psy. 31-32)	General Biology (Biol. 11-12)
Principles of Economics (Econ. 43-44)	Heredity and Eugenics (Biol. 43)
General Sociology (Soc. 41-42)	Introduction to Education (Ed. 31)
Public Speaking (Speech 41-42)	

UPPER DIVISION

Labor Problems (Econ. 53)	Applied Psychology (Psy. 66)
Guidance (Ed. 78)	Business Administration (Econ. 61)
Social Work (Soc. 62)	Current Psychological Literature (Psy. 77)
Abnormal Psychology (Psy. 58)	Experimental and Statistical Method (Ed. 65)
Economic Theory (Econ. 83-84)	Educational Measurements (Ed. 61)
Social Psychology (Psy. 55)	
Mental Measurements (Psy. 62)	

PROFESSIONAL CHEMISTRY

Those interested in the field of chemical work or research may be guided to some extent by the course of study suggested below. This may be modified to suit individual needs and interests. Students interested in a career in chemistry should confer with Professor Dawson.

LOWER DIVISION

General Chemistry (Chem. 11-12)	German or French
Quantitative Analysis (Chem. 25-26)	Mathematical Analysis (Math. 11-12)
General Physics (Phys. 31-32)	Differential and Integral Calculus
General Biology (Biol. 11-12)	(Math. 31-32)
General Psychology (Psy. 31-32)	Principles of Economics (Econ. 43-44)
Inorganic Chemistry (Chem. 43)	

UPPER DIVISION

Organic Chemistry (Chem. 61-62)	Physico-Chemical Measurements
Advanced Qualitative Chemistry	(Chem. 75-76)
(Chem. 58)	Laboratory in Advanced Physics
Advanced Calculus (Math. 53-54) or	(Phys. 55-56)
Differential Equations (Math. 71-72)	Electricity and Magnetism (Phys. 63)
German or French	Chemical Literature (Chem. 87-88)
Theory of Physical Chemistry (Chem.	
71-72)	

PUBLIC SCHOOL MUSIC

For students preparing to supervise or teach in the public schools, the following courses are recommended:

LOWER DIVISION

Ear Training and Sight Singing (Mus.	Introduction to Education (Ed. 31)
11-12)	History of Education (Ed. 32)
Wind Instrument Class (Mus. 23-24)	English Literature (Eng. 31-32)
String Instrument Class (Mus. 25-26)	Art Appreciation (Art. 31-32)
Music Appreciation (Mus. 31-32)	Harmony I and II (Mus. 35-36)

UPPER DIVISION

Principles of Secondary Education	Form and Analysis (Mus. 56)
(Ed. 52)	Music History (Mus. 51-52)
Harmony III (Mus. 55)	Counterpoint (Mus. 75)
Materials and Methods in Music (Mus.	Philosophy of Education (Ed. 51)
83-84 and 85-86)	Conducting (Mus. 87-88)
Advanced Ear Training and Sight	Orchestration (Mus. 76)
Singing (Mus. 61-62)	Educational Measurements (Ed. 61)
Observation and Directed Teaching	Theatre Arts (Speech 47-48)
(Ed. 81 or 82)	

All students who are preparing for public school music work must pass an examination in piano, including the ability to read simple accompaniments at sight and the playing of a memorized composition of at least fourth grade material; and must pass a voice examination. Professor Carter is the adviser for students interested in music.

PHYSICAL EDUCATION

Bethany College offers a major for students who desire to prepare for work in school or community programs of physical education. It is possible to satisfy the requirements for certification in physical education for a teaching major or minor as prescribed for schools in certain states. Students preparing for work in this field should consult with Professor Knight and others in the department.

LOWER DIVISION

General Biology (Biol. 11-12)	Personal and Community Hygiene
General Chemistry (Chem. 11-12)	(Phys. Ed. 15 or 16, 32)
Public Speaking (Sp. 41)	Tap and Character Dancing (Phys.
Introduction to Education (Ed. 31)	Ed. 21-22)
Educational Psychology (Psy. 42)	Playground Management (Phys. Ed.
Comparative Vertebrate Anatomy	37)
(Biol. 36)	Prevention and Care of Injuries (Phys.
Scouting (Phys. Ed. 31)	Ed. 39)

UPPER DIVISION

Physiology (Biol. 67)	Theory and Practice of Individual
Social Psychology (Psy. 55)	Sports (Phys. Ed. 82)
Philosophy of Education (Ed. 51)	Organization and Administration of
Mental Hygiene (Ed. 64)	Physical Education (Phys. Ed. 74)
Kinesiology (Phys. Ed. 70)	Methods of Health and Physical Edu-
Corrective Gymnastic and Normal	cation (Phys. Ed. 85)
Diagnosis (Phys. Ed. 72)	History and Principles of Physical
Community Recreation (Phys. Ed. 58)	Education (Phys. Ed. 87)
Educational Sociology (Soc. 53)	

RECREATIONAL LEADERSHIP

Students preparing themselves for recreational leadership should preferably select major work in physical education or music with minor work and wide electives in sociology, education, psychology, and English. Members of the faculty in the departments of Education or Physical Education are available to confer with students interested in this field.

LOWER DIVISION

General Biology (Biol. 11-12)	Personal and Community Hygiene
General Sociology (Soc. 41-42)	(Phys. Ed. 15 or 16, 32)
Introduction to Education (Ed. 31)	Playground Management (Phys. Ed.
Art Appreciation (Art 31-32)	37)
Music Appreciation (Mus. 31-32)	Community Recreation (Phys. Ed. 58)
Principles of Economics (Econ. 43-44)	Tap and Character Dancing (Phys. Ed.
Our Outdoors (Biol. 34)	21-22)
Public Speaking (Sp. 41-42)	Folk Dancing (Phys. Ed. 23-24)

UPPER DIVISION

Mental Hygiene (Ed. 64)	Theatre Arts (Speech 47-48)
Philosophy of Education (Ed. 51)	Organization and Administration of
Marriage and the Family (Soc. 54)	Physical Education (Phys. Ed. 74)
Social Psychology (Psy. 55)	Modern Dancing (Phys. Ed. 51-52)
Social Work (Soc. 62)	Guidance (Ed. 78)
Play Production (Speech 45-46)	

SECRETARIAL TRAINING

Students who wish to prepare for secretarial positions may do so by completing a two-year course. It seems desirable, however, to recommend that students spread the technical courses over the four-year period and that the major work be elected in the field of economics and business administration.

Those who wish to take up secretarial work should confer with Miss Sparks. The following courses are recommended to students wishing to complete the secretarial course in two years:

FIRST YEAR

Freshman English (Eng. 11-12)	Beginning Shorthand (Sec. Tr. 15-16)
Modern foreign language	Beginning Typing (Sec. Tr. 11-12)
Business Law (Econ. 65)	Freshman Physical Education (Phys.
Modern Governments (Pol. Sc. 11-12)	Ed. 11-12)
Business Correspondence (Sec. Tr. 52)	

SECOND YEAR

Advanced Shorthand (Sec. Tr. 27-28)	General Sociology (Soc. 41-42)
Advanced Typing (Sec. Tr. 21-22)	Office Appliances (Sec. Tr. 49)
Typing Transcription (Sec. Tr. 25-26)	Secretarial Practice (Sec. Tr. 50)
Principles of Economics (Econ. 43-44)	Elementary Accounting (Econ. 45)
Public Speaking (Speech 41-42)	Intermediate Accounting (Econ. 46)

NOTE: Students who present high school units in certain of the courses such as in foreign language or typing and shorthand will be expected to take certain substitute courses.

SOCIAL WORK

Fundamental preparation for entering any of the various fields of social work carried on by public and private organizations is offered in the Department of Sociology. Students who are interested in social work should consult with Professor Crobaugh and Miss Bibbee.

LOWER DIVISION

General Sociology (Soc. 41-42)	Playground Management (Phys. Ed. 37)
Principles of Economics (Econ. 43-44)	General Psychology (Psy. 31-32,
General Biology (Biol. 11-12)	Statistics (Econ. 47 or Educ. 65)
Public Speaking (Speech 41-42)	English Literature (Eng. 31-32)
Heredity and Eugenics (Soc. 43)	Community Hygiene (Phys. Ed. 32)
Scouting (Phys. Ed. 31)	

UPPER DIVISION

Educational Sociology (Soc. 53)	Social Service Practicum (Soc. 64)
Marriage and the Family (Soc. 54)	Applied Psychology (Psy. 66)
Social Psychology (Soc. 55)	Labor Problems (Econ. 53)
Social Problems (Soc. 61)	Insurance (Econ. 54)
Social Work (Soc. 62)	Public Finance (Econ. 55)
Social Theory and Control (Soc. 73-74)	Mental Measurements (Psy. 62)
Business Administration (Econ. 61)	Abnormal Psychology (Psy. 58)
Mental Hygiene (Ed. 64)	Child Psychology (Psy. 59)
Contemporary Philosophy (Phil. 55)	Psychology of Adolescence (Psy. 60)
Psychology of Personality (Psy. 57)	Public Administration (Pol. Sc. 58)

PUBLIC SERVICE

In preparation for a career in public administration or service a student will best serve his interests by acquiring a broad foundation in cultural subjects. With this as a basis he may go into specialized work, looking toward research or active participation in affairs of the state. His major should probably be in history and political science or economics. Students preparing for this work should consult with Provost Woolery.

LOWER DIVISION

Principles of Economics (Econ. 43-44)	American History (Hist. 41-42)
General Sociology (Soc. 41-42)	General Psychology (Psy. 31-32)
Public Speaking (Speech 41-42)	History of Education (Ed. 32)
Statistics (Econ. 47 or Math. 37)	Europe Since 1830 (Hist. 43-44)

UPPER DIVISION

International Relations (Hist. 53)	Public Utilities (Econ. 56)
Business Administration (Econ. 61)	Social Work (Soc. 62)
Political Dynamics (Pol. Sc. 57)	Money and Banking (Econ. 51-52)
Public Administration (Pol. Sc. 58)	Public Finance (Econ. 55)
International Economic Policies (Econ. 73)	Economic Theory and Contemporary Problems (Econ. 83-84)
Constitutional Law (Pol. Sc. 79)	

Only students with very high scholastic records are likely to succeed in the competition for appointment to the Foreign Service of the Department of State. Examinations cover the following subjects: "Elements of international, maritime, and commercial law; arithmetic as used in commercial statistics, tariff calculations, exchange and simple accounting; modern languages (French, Spanish, or German is required, and a candidate may offer, in the oral test, in addition to one of these, any languages with which he may be familiar); elementary economics, including the natural, industrial, and commercial resources of the United States; political and commercial geography; American history, government, and institutions since 1776; and history of Europe, Latin America, and the Far East since 1776. Candidates will also be examined in political economy, and they will be rated in English, composition, grammar, punctuation, spelling, and penmanship as shown by their replies to questions in the written examination."

LIBRARY WORK

A good general education in the liberal arts offers the best foundation for librarianship. While no particular major is required, one in literature or history is suggested, strengthened by survey courses in the other social sciences, psychology, education, science and the fine arts, to enable the student to read intelligently in these subjects. Some study of Latin is necessary, together with a reading knowledge of two modern languages, preferably French and German.

Professional training in the library field is provided by a number of accredited library schools, many of which require the bachelor's degree for admission. In any case, the degree is highly desirable. Since the entrance requirements of library schools vary, students are advised to ascertain them for the particular school in which they are interested so that the college course may be planned accordingly. The members of the college library staff will be able to counsel with students preparing for work in this field.

CHRISTIAN MINISTRY

Students who are preparing for the work of the Christian ministry in the mission field or in the church at home are urged to major in Biblical literature. Professor Booth is the adviser for students in this field.

LOWER DIVISION

New Testament Survey (N. T. 31-32)	English Literature (Eng. 31-32)
Old Testament Survey (O. T. 33-34)	General Psychology (Psy. 31-32)
Greek or a modern language	Music Appreciation (Mus. 31-32)
Principles of Economics (Econ. 43-44)	General Sociology (Soc. 41-42)
Public Speaking (Speech 41-42)	Art Appreciation (Art. 31-32)

UPPER DIVISION

The Prophets (O. T. 55-56)	History of Philosophy (Phil. 53-54)
Comparative Religion (O. T. 57-58)	Church History (Ch. Hist. 71-72)
The Bible as Literature (O. T. 75-76)	History of Disciples (Ch. Hist. 81-82)
New Testament Backgrounds (N. T. 67-68)	Principles and Practice of Religious Education (Rel. Ed. 53-54)
Biblical Doctrine (N. T. 83-84)	Theory of Preaching (Hom. 61-62)
Teachings of Jesus and Paul (N. T. 79-80)	Work of a Pastor (Hom. 63-64)
	Philosophy of Religion (Phil. 58)

GRADUATION AND HONORS

DEGREE REQUIREMENTS

DEGREES—Bethany College confers at graduation the degrees of Bachelor of Arts and Bachelor of Science. The fulfillment of the several specified requirements and genuine evidence of attainments in scholastic proficiency are demanded of all candidates for degrees.

REQUIREMENT OF HOURS—Candidates for either of the baccalaureate degrees are required to complete a total of 128 semester hours for graduation. Of this number forty semester hours must be in courses in the upper division; six semester hours must be in physical education, and two semester hours must represent the freshman course in orientation or its equivalent. Only twelve hours in applied music can be used toward meeting the minimum requirement.

DISTRIBUTION REQUIREMENT—Candidates for graduation are required to complete certain course work in each of the five curricular groups. The more general courses involving greater understanding and integration in each group are recommended. Fragmentary and small unit courses are not desirable. The following prescription of course requirements must be met by all candidates for baccalaureate degrees:

Freshman Orientation.....	2 hrs.
Group I—Languages and Literature	
English composition or literature.....	6 hrs.
Foreign language—	
A reading knowledge of one of the foreign languages offered at the college or approved by the Committee on Admissions. This requirement may be satisfied by the completion of the second year course in the language at the college level; or by written and oral examination given under the direction of the Department of Modern Language.	
Group II—Psychology, Philosophy, Education	
Psychology, Philosophy, or Education.....	6 hrs.
Physical Education, i.e. two hours in personal hygiene and four hours in activities courses.....	6 hrs.

Group III—Social Studies

History, Political Science, Economics, or Sociology.....6 hrs.

Group IV—Science and Mathematics

Biology, Chemistry, Mathematics, or Physics.....6 hrs.

Group V—Religion and Fine Arts

Biblical literature i.e. courses in Old and New Testament.....6 hrs.

Candidates for the Bachelor of Science degree must present at least forty semester hours from courses in Group IV. Of these forty semester hours, at least twenty-five of them must be in the upper division.

REQUIREMENT OF QUALITY POINTS—Quality points awarded on the basis of final grades received are required for graduation. At least 128 quality points must be earned and of these at least forty must be earned in upper division courses.

REQUIREMENT OF MAJOR—The department in which a student elects to major shall determine specific requirements for the student, not only of work to be done in the major department but certain other work to be done in other departments that must be completed to buttress the major. The general outline of requirements for each major is listed in the section of this bulletin that carries courses of instruction. With the approval of the Dean of the Faculty certain modifications can be made to meet the needs of the individual student.

It is expected that no major will include less than 24 semester hours and that at least 12 semester hours must be completed in courses definitely in the upper division. At least 24 quality points must be earned in the major field. These represent the minimum for the college. The department offering the major may require more than this minimum. In all cases the counselor will expect the student to complete a large part of his major work in the upper division.

REQUIREMENT OF MINOR—In addition to the major each student must elect a minor subject. The professor in charge of the major subject should approve the minor selected. In most cases it should have some relationship to the major. At least 18 semester hours must be completed in the minor. A minimum of 18 quality points is required in the minor.

REQUIREMENT OF EXAMINATION—A comprehensive examination—both written and oral—is required of each candidate for a degree at Bethany College. This examination is given by a faculty committee under the direction of the professor in charge of the major subject, and it is intended to cover the total range of material and accomplishment for an undergraduate major. A student failing in the comprehensive examination shall be considered as failing to meet the requirements for graduation and shall not be graduated.

Seniors who pass the comprehensive examination with high credit shall be awarded their degrees “with distinction” in the major subject. The only other grades given are “passed” and “failed.”

Seniors who fail to pass the comprehensive examination shall upon payment of a suitable fee, be given a second opportunity only at the end of any subsequent semester, provided reasonable notice has been given to the Committee on Admissions and Classifications and the department head. Further opportunity to take this examination shall be given only by special vote of the faculty.

RESIDENCE REQUIREMENT—Four years are usually required to satisfy the requirements for the baccalaureate degree. Students of superior quality may satisfy the requirements in less time. The senior year should be spent in residence at the college.

HONORS

GRADUATION HONORS—Students who have done college work of unusual merit and have given evidence of superior academic achievement in the upper division will be graduated with honors. These are awarded with the degree as Summa Cum Laude, Magna Cum Laude, and Cum Laude. The awarding of honors is determined upon the basis of total quality points earned, standing in the comprehensive examination, and the recommendation of the professors in charge of the major and minor.

Seniors who give evidence of superior achievement in the major subject and are able to pass the comprehensive examination with excellent results will be designated as “Passed with Distinction.”

CLASS HONORS—Upper division students of the college who complete the academic work of any one year with a point average of 2.5 are recognized for “First Honors” for the year, and those who

complete the academic work of any one year with a point average of 2.25 are recognized for "Second Honors" for the year. Lower division students of the college who complete the academic work of any one year with a point average of 2.25 are recognized for "First Honors" for the year, and those who complete the academic work of any one year with a point average of 2.0 are recognized for "Second Honors" for the year.

INTERFRATERNITY COUNCIL AWARD—A scholarship cup is awarded annually by the Interfraternity Council to the fraternity group maintaining the highest scholarship average for that year.

ANNA RUTH BOURNE AWARD—A cup has been given the college by an anonymous donor to be known as the Anna Ruth Bourne Scholarship Cup. This award is made annually to the sorority or non-sorority group on the campus earning the highest scholarship standing each year.

GAMMA SIGMA KAPPA—This honorary scholastic fraternity was organized at Bethany College in 1932. Any student who has a quality point rating of 2.5 for five consecutive semesters and who is recommended by the faculty Committee on Honors is eligible for membership in this fraternity.

DEANS' LIST—At the end of each semester a list of students who have ranked high in academic attainments as attested by academic point average are designated for the Deans' List. This distinction is determined by the Dean of the Faculty and the Dean of Students.

GENERAL INFORMATION

RELIGIOUS LIFE

One of the expressed aims of the college is "To provide higher education in an atmosphere sympathetic to Christian ideals and Christian faith and to conserve and develop the moral character and religious life of its students." This aim is meant to bear upon instruction, counseling, and social life as well as formal religious services.

CONVOCATION—A fifty minute convocation is held each Wednesday and Friday at eleven o'clock. Most services are devotional. Lectures by faculty members and noted visitors, drama, music and student presentations are the most frequent elements of the convocation service. Attendance is obligatory for all students. The convocation service is in no wise sectarian.

THE COLLEGE CHURCH—All students regardless of denominational affiliations are welcome as "Student Members" of the Bethany Memorial Church. One of the active organizational groups of the church is the Council on Student Work through which are coordinated the various religious activities of the student body. Opportunity of personal counseling with the minister is offered. Every Sunday there is morning worship in charge of the minister. In the evening there is an informal "Twilight Service" which provides devotional expression and religious stimulus through a variety of mediums such as addresses and forums, motion pictures, religious drama, and vocal and instrumental concerts. There is also opportunity to participate in student interest groups discussing topics of four to six units at various times during the year. A number of positions of leadership in the church are available to students showing unusual interest and ability.

PRE-EASTER VESPERS—Vesper services are held in the Bethany Memorial Church late each afternoon during the week preceding Easter or Palm Sunday. Arrangements are in charge of students of the college and the Council on Student Work.

INSTRUCTION—Since its inception, the Bible has been a recognized textbook in the college and each student is asked to pursue this study for at least one year. The approach is intended to be sympathetic and constructive.

LECTURES AND CONCERTS

One of the extraordinary privileges of the student body of Bethany College is that of hearing outstanding lecturers, musicians, and leaders of thought. During the year the following people have appeared or are scheduled to appear upon the campus: (a) Lecturers: Mrs. Olive Lindsay Wakefield, Dr. T. Z. Koo, Joseph A. Berger, Rev. Frank Fortune, Darrell Brady, Rev. Neil Crawford, Homer A. Sala, M. J. Yamamoto, Hugo Blumenberg, Rev. R. F. M. Veit Valentin, Vincent Sheean, Dr. Morris Fishbein, Carveth Wells. (b) Music: Virgilio Labbari, Metropolitan baritone; Catherine Van Buren, soprano; Westminster Chorus; Continental Gypsy Ensemble; Rose Page Welch, soprano.

Lectureships established by generous friends of the college include the following:

(a) *A Lectureship in Government* has been established by a friend of the college.

(b) *The George M. Sutton Lectureship* in natural history has been established by George M. Sutton of the Class of 1918.

SPECIAL DAYS

SCHOLARS' DAY—Each year a special convocation is held in October for the recognition of outstanding academic achievement by individual students and student groups. The program is under the direction of the Dean of the Faculty.

HOMECOMING DAYS—One of the most important dates in mid-autumn is designated as fall homecoming day. In addition to the football game, there is on the preceding Friday evening the Alumni Round Table. On Saturday evening social groups have dinners for alumni and guests, followed by the homecoming dance. An early spring homecoming is held during March. At this time many alumni and former students return for fraternity and sorority initiations. A special program is arranged for their entertainment.

CENTENNIAL CELEBRATIONS—During the academic year of 1939-1940 the college will present special programs in celebration of the centenary of the granting of the college charter. The programs will be as follows:

March 3 to 5, 1940—Charter Day and Homecoming
Historical Revue, Costume Reception, and Basketball Game
Special service in Bethany Memorial Church with sermon by
Dean F. H. Kirkpatrick

May 10 and 11, 1940—Symposium on the Mission of the Liberal Arts College

Speakers: Mr. Mark Jones, President, Akron Belting Company

Prof. T. H. Lewis, Graduate School of Business Administration Harvard University.

Mr. Holger Johnson, President of Institute of Life Insurance
Rev. Dr. George A. Buttrick, President of Federal Council of Churches of Christ

Dr. Floyd W. Reeves, Director of American Youth Commission of American Council on Education

Dr. F. P. Graves, Commissioner of Education of New York and President of Phi Beta Kappa

June 1 to 3, 1940—Centennial Alumni Day and Commencement Program

Alumni program, class reunions, and centennial address of Governor Homer A. Holt of West Virginia and Rev. W. H. Fields

Baccalaureate sermon by President W. H. Cramblet

Commencement Address by Rev. Dr. Burris A. Jenkins, Kansas City, Missouri

MOTHER'S DAY—This day is looked forward to by the student body because of the beauty and character of the occasion. An informal reception at the President's home is a pleasant feature of the day.

PLAY DAY FOR HIGH SCHOOL GIRLS—On a Saturday in the late spring the Department of Physical Education for Women invites girls from many nearby high schools to a Play Day. Girls are divided into teams after their arrival, and many events are planned for their enjoyment.

STUDENT ACTIVITIES

STUDENT BOARD OF GOVERNORS—As a means of governing and directing student interest and student activities, the Student Board of Governors is maintained by the student body as a legislative and

executive body. Matters pertaining to athletics, debating, student publications, social affairs, and general student interests are given attention. The major part of the activity fee is used by this Board for the various student organizations. The Board cooperates with the college administration in building an intelligent appreciation of social responsibility in college community life.

ATHLETICS—In order to supplement the courses in physical education which are required of all freshmen and sophomores who are found upon examination to be physically able to carry the work, Bethany College maintains intramural and intercollegiate teams in many sports. All athletics and physical recreation are under the supervision of the Athletic Board of Control, which is made up of the faculty committee on athletics, appointed by the president of the college, and four members of the student body. The student members of this committee are chosen, one from each of the three upper classes in the college, and one from the Women's Athletic Association, each group selecting its own representative.

Bethany has taken a position of leadership among tri-state colleges by its established athletic policy, which eliminates all professionalism from its program. Intercollegiate competition in football, basketball, tennis, cross-country, track and field continues. An intramural program has been developed in order to provide opportunity for all to participate in some form of athletic endeavor. Sports which are provided for on the intramural program are soccer, volleyball, swimming, archery, tennis, softball, handball, hockey, basketball, and touch football.

Students participating in intramural and intercollegiate athletics do so at their own risk. While the college assumes no responsibility for accidents or injuries of any kind, experienced coaches are provided and every precaution is taken to avoid hazards. Students are expected to have a complete physical examination each season.

ASSOCIATION OF WOMEN STUDENTS—This Association, of which every woman student is automatically a member upon her entrance into college, has as its main purpose the building of larger and wider life attitudes through giving the college woman a fuller opportunity for experience in leadership and for sharing with the college the responsibility for her conduct.

WOMEN'S ATHLETIC ASSOCIATION—The Women's Athletic Association encourages and fosters the participation of all women of the college in swimming, the dance, and many different sports and games. The sport leaders make up the Athletic Board of the W. A. A. A point system is in effect by which girls may earn the letter "B" and a sweater. At the annual W. A. A. Banquet, three loving cups are awarded, one each to the winner of the archery, tennis, and swimming meets.

STUDENT PUBLICATION—Under the management of the Student Board of Publications the students publish the *Bethanian*, issued at spaced intervals in magazine form to be compiled throughout the year into a final yearbook form. The student fee covers the cost of this publication and so every student is entitled to a copy of each issue.

DEBATE AND ORATORY—Bethany College has achieved an excellent reputation in the field of intercollegiate debate. Each year the contests, scheduled with some of the best colleges in the district, offer splendid training for members of the debate squad and opportunities for information upon timely questions for those who attend the debates.

TAU KAPPA ALPHA—A chapter of the national forensic fraternity is maintained for those who distinguish themselves in this field.

PI GAMMA MU—The West Virginia Delta Chapter of Pi Gamma Mu is located at Bethany. Its members are selected from students who have maintained a high average grade in at least twenty semester hours of social studies.

MINISTERIAL ASSOCIATION—This association is made up of the young men of the student body who are preparing for the work of the Christian ministry. This group of students holds a prominent place in the life of the college. Fortnightly meetings are held, at which vital problems relating to the ministry and the churches are discussed.

Y. W. C. A.—Membership in the Young Women's Christian Association is open to all women students. This organization strives to serve religious, aesthetic, and social needs by conducting regular worship services, entertaining guest speakers from various fields, and sponsoring discussion groups concerning campus and per-

sonal problems. One of the projects of the organization is the maintenance of the Dagney Andersen Memorial Library in Phillips Hall.

CLUBS AND SOCIETIES—Several active clubs and societies are sponsored by various departments in the college. The work of the French Club, the Sociology Club, the Science Club, the Education Club, the Writers' Club, the German Club, and the International Relations Club have been most notable. Papers dealing with interesting topics are presented by students and faculty members.

FRATERNITIES—Several of the strong Greek letter fraternities have chapters at Bethany. The fraternities for men are: Beta Theta Pi, Sigma Nu, Phi Kappa Tau, Kappa Alpha, and Alpha Kappa Pi. The sororities for women are: Alpha Xi Delta, Zeta Tau Alpha, Kappa Delta, and Phi Mu. All have national affiliation.

MUSIC AND DRAMATICS

COLLEGE CHOIR—This mixed chorus, formerly of twenty-four voices is to be increased to forty or forty-five voices to permit a broadening of the scope of material to be sung and programs to be given. The Choir sings each Sunday morning at Bethany Memorial Church, and gives special programs, in and away from Bethany, including oratoria, cantata and miscellaneous works. Membership is open to all students accepted by the director.

COLLEGE ORCHESTRA—This musical organization is made up of students who have proficiency on orchestral instruments. Admission is gained by satisfactorily passing an individual examination given by the director. Several concerts are given during the year, and music is furnished for some of the dramatic performances.

COLLEGE BAND—The college band is open to all students who show by individual examination a sufficient mastery of their instrument for the type of music to be played. This organization plays for many public occasions throughout the year.

DRAMATICS—The program of drama enjoys prominent place in the life of the college. Two clubs constitute the nuclei of play production: The Bethespian of open membership; and a chapter of the national dramatic fraternity, Alpha Psi Omega, in which students may become members by meeting the national requirements. Departmental clubs at times present plays and the glee clubs collaborate in joint productions with the Bethespians.

ACADEMIC INFORMATION

STUDENT SCHOLARSHIP—The average size of the classes as organized enables the instructors to give each student individual attention; in many cases classes are divided into several sections to secure this result. At stated times students whose work in any department is unsatisfactory are reported to the Admissions and Personnel Office by the instructor in charge of the work in question. A careful effort is made in each case to discover the cause of the trouble, and by giving encouragement, admonition, advice, or assistance, as appears to be needed, to put the student in the way of successfully carrying out his work.

CLASSIFICATION OF STUDENTS—The classification of students is determined at the beginning of each year according to the following plan: For sophomore rank a student must have at least twenty-five hours of academic credit and twenty-five quality points. Admission to the upper division or full junior standing is conditioned upon the student having at least sixty hours of academic credit, sixty quality points, freshman orientation completed, and he must have passed the sophomore general examination. For senior class rank the student must have at least ninety-four hours of academic credit and ninety-four quality points, and have completed all prescribed courses for graduation.

No student is considered as a candidate for the baccalaureate degree until granted senior classification.

THE GRADING SYSTEM—The class standing of a student in any course pursued is reported by the use of letters. The meaning of letters used may be given as follows:

- A—Excellent. The letter A is used to denote work of unusual merit. This grade carries three quality points for each hour of credit.
- B—Good. This letter is used to show appreciation and grasp of the subject that is distinctly above the average and very satisfactory. This grade carries two quality points for each hour of credit.
- C—Average. This letter signifies the grade of work done by an average student. It is expected that between fifty and sixty percent of grades given will be C. This grade carries one quality point for each hour of credit.

D—Inferior. This letter denotes work below the average. It shows a lack of application or of ability to grasp the subject. This grade carries no quality points.

con.—This abbreviation denotes conditional failure. The student is granted the privilege of taking an examination to remove the condition, or, in case of a continuous course, it may be automatically removed by the student making a grade of C or better the following semester. Failure to do so within the following semester will result in the grade being changed to F. Regardless of the manner of removing the condition no higher grade than D will be allowed.

inc.—The abbreviation inc. denotes uncompleted work as a result of sickness or some other justifiable reason. An incomplete mark should be removed by the end of the fourth week of the following semester, unless an extension of time is granted. It is not possible for a student to remove an incomplete mark after twelve months.

F—Failure. The letter F denotes work that is definitely unsatisfactory and the course not passed.

W—Withdrawn. The letter W denotes uncompleted work as a result of withdrawal from the college.

A report of the scholastic standing of students is received at the office of Admissions and Personnel at the mid-semester time in addition to the final semester reports: These reports are sent to the faculty counselor of each student and to parents or guardian.

PROBATION—The term "on probation" is applied to students who are continued in college after having failed to satisfy academic requirements to a proper degree, or who, by reason of deportment, do not meet the standards expected by faculty and administration.

A student shall be placed on probation for one semester if in the semester preceding he has failed to pass in nine hours of regular college work *and* earn at least six quality points. He shall be continued on probation until the end of that semester. If he passes in twelve hours of college work *and* earns twelve quality points in the semester, he may be removed from probation.

If he fails to pass twelve hours *and* earn twelve quality points, he can not be continued except by action of the Committee on Admissions and the recommendation of his faculty counselor. It is

understood that one semester on probation is to be the limit and that it is not the intention of the faculty to have students continue in college if they do not do satisfactory academic work. Only in unusual cases will a student be continued if he fails to meet the requirement set for probation students.

A student who fails to pass in less than six hours of academic work in any one semester can not be continued into the next semester. In case of unusual circumstances the Committee on Admissions may grant permission for the student to continue one semester on probation or to be continued as an unclassified student.

During the period of probation a student may be limited in his academic schedule, in participation in extra-curricular activities, or in social life. Such limitation may be imposed by his faculty counselor or by any proper officer of administration. The determination of actual eligibility to participate in intercollegiate or extra curricular activities shall rest with the counselor and the Committee on Admissions and Classifications.

PROVISIONAL ENROLLMENT—The term “provisional enrollment” is applied to the status of students who are permitted to enroll for a provisional period of two weeks pending the receipt of secondary school record, the payment of the required amount on account, or pending the fulfillment of any other proper requirement of the administration. This is intended to cover the cases with which the deans, the Committee on Admissions and Classifications, or the Bursar have to deal.

PENALTY FOR LATE REGISTRATION—Students in attendance during any semester must register on the opening day of the following semester, if they desire to continue their work. For the first three days two dollars is charged for each day of delay in registration and class absences will be counted against the student for all days missed. This rule does not relate to students entering for the first semester.

STUDENT'S SCHEDULE—A student ordinarily carries fifteen or sixteen credit hours of academic work each semester but it is possible for a student to carry additional credit hours with the permission of his counselor and the Committee on Admissions and Classifications. It is ordinarily expected that no student will carry more than nineteen credit hours in any one semester.

Courses should not be changed or dropped except within the first week at the start of any one semester. In special cases a change can be made in courses or schedule with the consent of the instructors concerned, the student's counselor, and either the Dean of the Faculty or the Dean of Students. After the first week it is possible for a student to drop a course only if the counselor and the Committee on Admissions and Classifications feel that the best interests of the student will be served by such procedure. Students are not permitted to drop any course without adequate reason and approval.

CLASS ABSENCES—Students are expected to attend all class or laboratory meetings of a course and to participate in any outside activities which are a part of the course. The final decision as to approving absences which may be required because of illness or urgent matters of any kind is in the hands of the instructors concerned. Proper penalties or requirements may be imposed by any instructor for absences of any kind. In most cases class attendance is essential if the student is to get the greatest profit.

Students of superior ability and achievement are often allowed much freedom in the matter of class attendance and specific requirements.

WITHDRAWAL—An honorable discharge will be granted to any student who is in good academic standing and is not subject to discipline, who may desire to withdraw from the college, if he has satisfied his counselor and a responsible officer of the college that there is a reason sufficiently potent to justify such action. Students asking to withdraw should present such a request to the counselor with a written statement of approval from parent or guardian.

FINAL EXAMINATIONS—All students are required to take the examinations that come during the last week of each semester. Those who show by class work and examination that they are entitled to a grade D or above are passed. The seniors are required only to take the comprehensive examination in the final semester if their academic work in all courses is satisfactory.

SPECIAL EXAMINATIONS—A student who has been marked conditional in his course at the end of a semester may, with the consent of the instructor, be given an opportunity to take a second examination on the payment of a fee of \$1.00. When a student is justifiably absent from a final examination he may have a special test upon the

payment of a fee of \$2.00. Fees for special examinations must be paid at the office of the Bursar before the examinations are taken. The Bursar's receipt must be presented to the instructor at the time of the examination and delivered by the instructor to the Recorder together with the grade given the student.

REPORT OF STUDENT'S PROGRESS—At any time parents or guardians are free to request further information concerning the development, ability, and progress of a student. Requests should be made to the Dean of Students or the Recorder.

ADVANCED ENROLLMENT—On or before the second Monday in May all students of the college are obliged to fill out advance enrollment blanks indicating the courses of study planned for the coming year. In the case of freshmen, these courses are selected under the direction of the freshman counselors. In the case of students who have selected a major, the professor in charge of the department elected will counsel regarding the student's curriculum.

TRANSFER OF RECORDS—Students wishing to transfer from Bethany College to another institution should request the Admissions and Personnel Office to send an official transcript of record and notice of honorable dismissal, giving notice of at least one week. One transcript is furnished for each student without charge; for each additional record a fee of one dollar is charged, this fee to be sent to the office with the request. All financial obligations to the college must be paid before a transcript can be issued.

SUMMER COURSES—Credit will be given for a limited amount of work done in the summer session of an approved college or university. Permission for summer study must be secured from the Committee on Admissions and Classifications.

FRATERNITY AND SORORITY INITIATION—Students shall not be initiated into any fraternity or sorority until they have satisfied the entrance requirements of the college, have fifteen hours of resident collegiate work credited on the college books, and have earned at least fifteen resident quality points.

JUNIOR YEAR ABROAD—Specially qualified students may substitute for the work of the junior year in the college a year of study in France or in Germany, under the supervision of the Foreign

Study Plan of the University of Delaware. To be eligible for the junior year abroad, the student ordinarily must have an average grade of B or over in the work of the first three semesters. Each application must be approved by the Dean of the Faculty and the department concerned. Any student who may wish to avail himself or herself of this opportunity must present the request in writing to the Committee on Admissions and Classifications before the end of the semester of his or her sophomore year.

STUDENT HEALTH

MEDICAL AND PHYSICAL EXAMINATION—A medical and physical examination of every new student is made during the first weeks of the college year by the college physician. It is strongly recommended that all students be examined at least once each year by the family physician and dentist. All students are urged to be vaccinated and to have tuberculin and blood tests either at home or at the college dispensary.

PHYSICAL EDUCATION—All freshman and sophomore students are expected to take the recreational course in physical education and, in either the freshman or the sophomore year, a course of lectures in personal hygiene. An elementary course in mental hygiene is offered as an elective in the Department of Education. These courses carry regular college credit.

SICKNESS—Each student is expected to report to the college dispensary in case of sickness of any kind. In the case of contagious or infectious disease, students will be expected to give absolute observance to any regulations which might be prescribed by the college officers or the county health officials.

The college physician is at the dispensary each morning for consultation, examination, or treatment. Students are urged to report all injuries, diseases, or untoward symptoms, no matter how trivial they may seem. No extensive medical or surgical procedures are carried out at the dispensary but all minor injuries will be cared for, and some medicines will be supplied. Arrangements can be made for vaccinations, cold serums, and special treatment. The college physician is available for consultation and professional service only at the dispensary. The dispensary hours are: 10:00 A. M. to 11:45 A. M., 4:00 P. M. to 5:30 P. M.

Students are free, however, to employ a physician of their own choice in any case of illness. Other well trained physicians also are available in Wellsburg and Wheeling.

INFIRMARY—A small infirmary, in charge of the college nurse, is maintained at Phillips Hall. It includes two small wards and a medicine room. The infirmary is not open for dispensary service, diagnosis or treatment, and the services of the college physician are not available there without charge. It is intended only for bed-patients. The college nurse is in charge of the infirmary and is available at all hours for emergencies, but she is not subject to call for minor matters, dispensary service, or any services that can be cared for at the college dispensary during regular office hours. In case of need each student is entitled to three days of care in the infirmary with no additional charge. For periods in excess of this time a nominal charge of \$1.00 per day is made.

SOCIAL REGULATIONS

STUDENT RESIDENCE—No student in any college year shall be permitted to reside or board in any place which has not been listed as approved. Fraternity and sorority houses, private dwellings, and dormitory rooms where students are living, must at all times be open for inspection and appraisal as to influences and conditions relating to morals, health, and social culture. All freshmen are required to live in the college dormitories through the entire first year.

SOCIAL LIFE—The men and women of the college meet under conditions intended to provide a pleasant and wholesome social life. A reasonable amount of social recreation is encouraged, though such diversion is restricted within limits considered most favorable to the welfare of the students. It is understood and expected that all students will observe the usual social conventions and individual students will be governed by discretion and regard for propriety, without the existence of minute and specific rules.

The women of the college live either in Phillips Hall, Helwig House, Gateway Hall or in sorority houses. Each is presided over by a house hostess or a faculty resident who is held answerable for the observance of good deportment of the undergraduate women in their respective houses. The Academic Adviser for Women is in

charge of the general supervision of the college women, with the direct responsibility for regulation of social life, residence and social privileges, etc., in charge of the Head of Residence for Women.

The dormitory for men affords at once a home for residents therein, and a center for the activities of the men of the college. Fraternity houses offer shelter and social life for some of the upper-classmen.

All student organizations are required to obtain permission from the Head of Residence for Women before giving an entertainment or function of any kind either on or off the campus,. A social calendar is kept in her office in which all public functions must be registered in advance.

STUDENT CONDUCT—In the administration of college regulations it is the policy of the administration to be guided in the treatment of the individual cases largely by the recommendation of the student's counselor and by the general attitude of the student toward the college i.e., whether or not he has proved himself a creditable member of the college community, as shown by regularity in attendance, promptness in the fulfillment of his obligations, earnestness in his endeavors to profit by the college opportunities, and in consideration of high standards in social and moral conduct.

The whole record of each student will be looked into at the end of each semester with reference to his conduct in the community as well as his academic attainments. If the student's conduct has been unsatisfactory and is likely to remain so, the administration will consider whether the student is justifying his candidacy for a college degree. Students who do not show promise of accomplishment will not be allowed to continue. It is expected that a student who earns credits at Bethany College must satisfy the faculty as to uprightness of character as well as accomplishment in scholarship.

It is earnestly desired that undergraduates may be influenced to good conduct and good scholarship by higher motives than fear of punishment. The sense of duty and honor, the courtesy and generous feeling natural to young men and women engaged in liberal pursuits, are appealed to as best regulators of conduct. It is the policy of the college administration and faculty to allow in all things as much liberty as will not be abused, and the students are invited and expected to cooperate with the faculty and college officers.

Students are answerable for their conduct during vacation no less than in term time.

There is no need for students to maintain automobiles in Bethany and they have proved a detriment to scholarship and a temptation to waste much time. The maintenance of an automobile or motorcycle in Bethany or vicinity without the permission of the Dean of the Faculty is positively forbidden.

CHANGES IN REGULATION COVERING COURSES OF STUDY, DEGREES, DISCIPLINE, ETC.—The college administration reserves the right to amend the regulations covering the granting of degrees, the courses of study, and the conduct of students. Membership in Bethany College and the receiving of a degree are privileges, not rights. The college reserves the right and the student concedes to the college the right to require the withdrawal of any student at any time who fails to meet the academic, ethical, or social standards of the college and this can be without explanation or trial.

DEPARTMENTS OF INSTRUCTION

Group I—Languages and Literature

1. Classics
 - Greek
 - Latin
2. English
 - Composition and Rhetoric
 - Literature
 - Journalism
 - Speech and Dramatics
3. Modern Languages
 - French
 - German
 - Spanish

Group II—Psychology, Philosophy and Education

1. Education
2. Psychology and Philosophy
 - Psychology
 - Philosophy
3. Physical Education

Group III—Social Studies

1. Economics and Business Administration
2. History and Political Science
 - European History
 - American History
 - Political Science
3. Library Science
4. Secretarial Training
5. Sociology

Group IV—Science and Mathematics

1. Biology
2. Chemistry
3. Geography and Geology
4. Mathematics and Physics
 - Mathematics
 - Physics

Group V—Religion and Fine Arts

1. Biblical Literature
 - Old Testament
 - New Testament
 - Homiletics
 - Church History
2. Music
 - Literature and Theory of Music
 - Applied Music
3. Art Appreciation

EXPLANATORY NOTES

Courses of instruction are listed by departments. The various departments are arranged according to groups of related departments.

In numbering of courses first semester courses have odd numbers and second semester courses, even numbers. A course having both an odd and even number, as 11-12, runs continuously throughout the year, but may be elected for either semester unless the course is specifically designated "a continuous course" providing the proper prerequisites are met. In registering for a course through the year, the odd number is used the first semester, and the even, the second semester.

The number in parenthesis after the name of the course indicates the academic credit given for each semester. The hours for class sessions or conferences and the names of the instructors follow the description of the course.

The curriculum of the college recognizes the lower and upper divisions in the arrangement of courses and the numbers of each course. The lower division covers, roughly, the freshman and sophomore years and the upper division the junior and senior years. Courses in the lower division are numbered from 11 to 49, and in the upper division from 50 to 100.

A course may not be offered, if elected by less than five students.

ORIENTATION

11. COLLEGE PROBLEMS. (1 hr.)

Lectures and readings related to the adjustment of the student to the college experience. Methods of intelligent self-directed study; development of social personality; use of books and college resources. Required of all freshmen.

Sec. 1, M. 11:00

Mr. Cramblet and others

Sec. 2, T. 2:00

12. VOCATIONAL ORIENTATION. (1 hr.)

Survey of certain broad occupational fields; aimed toward a better understanding of the world of work and the opportunities in it. Methods for self-appraisal and self-guidance; papers and required readings on occupational information. Required of all freshmen.

M. 11:00

Mr. Kirkpatrick
and department heads

GROUP I—LANGUAGES AND LITERATURE

CLASSICS

F. R. Gay, Head of the Department

AIMS:

To develop the ability (a) to read classical Greek and Latin literature with some degree of fluency and appreciation; (b) to understand the influence of Greek and Latin on modern thought and expression; (c) to prepare students for the teaching of Latin, ministerial students for the study of the New Testament; and (d) to provide background materials for the student who is interested in linguistics or archaeology.

REQUIREMENT FOR MAJOR:

Twenty-four hours in the department with a sequence of twenty hours in either Greek or Latin. Each major student must undertake some minor research for independent study assignment in either Greek or Latin in the Problems Course. History 65, and English 33-34 are strongly recommended.

REQUIREMENT FOR MINOR:

Eighteen hours are required for a minor. The sequence of courses must be approved by the head of the department. History 65 is recommended.

GREEK

31-32. ELEMENTARY. (3 hrs.)

The essentials of Attic Greek grammar, and the reading of selections from classical Greek literature. A continuous course. Alternates with Latin 31-32.

T., Th., S. 1:00

Mr. Gay

51. XENOPHON. (3 hrs.)

The *Anabasis*. Prerequisite, Greek 31-32. Alternates with Greek 53. Not offered in 1940-1941.

Mr. Gay

52. PLATO. (3 hrs.)

Apology and *Crito*... Prerequisite, Greek 31-32. Alternates with Greek 54. Not offered in 1940-1941.

Mr. Gay

53-54. GREEK TRAGEDY. (3 hrs.)

Selected tragedies of Aeschylus, Sophocles, and Euripides. Prerequisite, Greek, 31-32. Alternates with Greek 51-52.

M., W., F. 10:00

Mr. Gay

81-82. NEW TESTAMENT GREEK. (3 hrs.)

The Gospel of Luke and the grammar of the Greek New Testament. In the second semester some Pauline Epistles will be studied. Prerequisite, Greek 52 or 54.

M., W., F. 10:00

Mr. Green

LATIN

31-32. VERGIL'S AENEID. (3 hrs)

The epic will be studied with a literary as well as a linguistic purpose. Critical approach to the poet and his work. Prerequisite, two units of Latin from a secondary school. A continuous course. Alternates with Greek 31-32. Not offered in 1940-1941.

Mr. Gay

51. CICERO'S DE AMICITIA AND DE SENECTUTE. (3 hrs.)

Prerequisite, Latin 31-32 or equivalent. Alternates with Latin 53.

M., W., F. 8:00

Mr. Gay

52. TACITUS. (3 hrs.)

Germania and *Agricola* will be read with study of style and interpretation. Prerequisite, Latin 51. Alternates with Latin 54.

M., W., F. 8:00

Mr. Gay

53. CICERO'S LETTERS. (3 hrs.)

A number of Cicero's letters will be read showing Cicero's tastes and relation to personal and literary friends. Prerequisite, Latin 31-32. Alternates with Latin 51. Not offered in 1940-1941.

Mr. Gay

54. HORACE. (3 hrs.)

This course will include the reading of *Odes* and *Epodes* with selections from the *Satires*. Prerequisite, Latin 31-32. Alternates with Latin 52. Not offered in 1940-1941.

Mr. Gay

61. LIVY. (3 hrs.)

Large portions of Books XXI and XXII will be read with particular attention to Livy's qualities as an historian. Prerequisite, Latin 53-54 or equivalent.

Hours to be arranged.

Mr. Gay

62. PLAUTUS AND TERENCE. (3 hrs.)

The *Menaechmi* of Plautus and the *Phormio* of Terence will be critically studied. Other plays will be read. Attention to Roman stage. Prerequisite, Latin 61.

Hours to be arranged.

Mr. Gay

63-64. LATIN COMPOSITION. (2 hrs.)

A thorough review of forms and syntax. A course in the writing of Latin especially intended for students who expect to teach the subject. Prerequisite, Latin 51-52 or 53-54.

Hours to 'be arranged.

Mr. Gay

85. TEACHING OF LATIN. (2 hrs.)

Special methods in the teaching of Latin. Intended for those who are preparing to teach. Open only to students majoring or minoring in the subject.

Hours to 'be arranged.

Mr. Gay

91-92. PROBLEMS IN CLASSICS.

Subjects, hours, and credits for special study in the classics to be arranged individually with the instructor.

Mr. Gay

ENGLISH

Florence M. Hoagland, Head of the Department

E. E. Roberts, Professor

H. O. Werner, Assistant Professor

Margaret Carrigan, Instructor

Marian Hendrick, Instructor

AIMS:

Instruction in this department is intended (a) to prepare all students for a more intelligent and appreciative reading of the materials in all branches of knowledge; (b) to furnish students with a comprehensive knowledge of the English language and literature in preparation for creative writing, graduate study, or as a cultural discipline; (c) to provide background and some technical training for students preparing for professional writing or journalism; and (d) to train students to speak effectively in public.

REQUIREMENT FOR MAJOR:

I. Sequence of courses for students who plan to teach English, to prepare for graduate study, or to acquire a comprehensive knowledge of the English language and literature: English 31-32; two of the following: English 55-56, 59-60, 61-62, 63-64, or 65-66; and 91-92. A minimum of twenty-four hours in literature courses is required for a major.

II. Sequence of courses for students who plan to prepare for journalism or professional writing, for graduate study in journalism, or for teaching; Journalism 53-54 and twelve semester hours in journalism courses. English 31-32 must be included and *one* of the required period courses in literature. A minimum of twenty-four hours is required for a major.

REQUIREMENT FOR MINOR:

For students electing a minor under sequence I, at least eighteen hours in the division of literature of which six must be in the upper division. English 31-32 must be included.

For students electing a minor under sequence II, at least twelve hours in the division of journalism. English 31-32 must be included.

COMPOSITION AND RHETORIC

5. ELEMENTS OF ENGLISH. (3 hrs.)

Review of the elements of English: grammar, punctuation, spelling, sentence structure, paragraph writing, and elementary composition. Required of freshmen who are deficient in the "minimum essentials" of English grammar. Open to any student who needs training in the fundamentals of grammar and composition.

M., W., F. 8:00

Mr. Werner

11-12. RHETORIC AND COMPOSITION. (3 hrs.)

Practice in composition. Emphasis on sentence structure, paragraph writing, diction, and style. Appreciative study of literature. Some attention to content and form of research papers and to bibliography. Vocabulary study in second semester. A continuous course.

Sec. 1, M., W., F. 9:00

Mr. Roberts

Sec. 2, T., Th., S. 8:00

Mr. Werner

Sec. 3, M., W., F. 10:00

Mr. Werner

Sec. 4, M., W., F. 1:00

Mr. Roberts

Note: English 11 will be repeated in the second semester.

M., W., F. 8:00

Mr. Werner

13-14. COMPOSITION AND LITERATURE. (3 hrs.)

Emphasis on content, diction, and style in composition. Appreciative study of literature. Consideration of research papers and bibliography. Prerequisite, superior rank in English placement test for freshmen. Not open to students who have completed English 11-12.

M., W., F. 9:00

Miss Hoagland

LITERATURE

31-32. SURVEY OF ENGLISH LITERATURE. (3 hrs.)

Typical poets and prose masters will be studied in order to understand English literature in its continuity and to secure a critical appreciation of some of the individual writers. Prerequisite, English 11-12, 13-14, or superior rank in the English placement test for freshmen. A continuous course.

Sec. 1, T., Th., S. 9:00

Miss Carrigan

Sec. 2, M., 11:00; T., Th. 1:00

Miss Carrigan

33-34. GREEK MYTHOLOGY IN ENGLISH LITERATURE. (1 hr.)

No knowledge of the ancient languages is required. The purpose of the course is to furnish a background of classical mythology necessary for the interpretation of the English poets. Recommended for students majoring in English.

Th. 11:00

Mr. Gay

51. AMERICAN LITERATURE TO 1860. (3 hrs.)

A survey course with emphasis upon Irving, Poe, Hawthorne, and Emerson. Alternates with English 57.

M., W., F. 2:00

Mr. Gay

52. AMERICAN LITERATURE FROM 1860 TO 1900. (3 hrs.)

A survey course with emphasis upon the New England poets, Whitman, Howells, and Mark Twain. Alternates with English 58.

M., W., F. 2:00

Mr. Gay

53-54. EUROPEAN LITERATURE. (3 hrs.)

Reading of some of the masterpieces of European literature in translation. A study of literary types, periods, and movements. Lectures, essays, conferences, and a term paper. Prerequisite, six semester hours in English literature.

T., Th., S. 9:00

Mr. Gay

55. GROWTH AND STRUCTURE OF THE ENGLISH LANGUAGE.

(3 hrs.)

The course will deal historically with the language, its early grammar, its foreign borrowings. Readings from the poetry and prose of the Old English period. With English 56 this is one of the period courses of which two are required for a major. Alternates with English 69. Not offered in 1940-1941.

Miss Hoagland

56. CHAUCER AND MIDDLE ENGLISH. (3 hrs.)

Study of the Canterbury Tales and some of the minor poems which reveal the development of Chaucer's skill. The texts will also be used for a study of Middle English historically considered. With English 55 this is one of the period courses of which two are required for a major. Alternates with English 70. Not offered in 1940-1941.

Miss Hoagland

57-58. SHAKESPEARE. (3 hrs.)

A study of pre-Shakespearean drama with emphasis on Marlowe, followed by a reading of ten of Shakespeare's plays to illustrate the development of his dramatic art. Recommended for students majoring in English or intending to teach English in high school. Alternates with English 51-52. Not offered in 1940-1941.

Mr. Gay

59. THE RENAISSANCE. (3 hrs.)

Non-dramatic literature of the English Renaissance will be studied; special emphasis on Spenser. With English 60 this is one of the period courses of which two are required for a major. Prerequisite, English 31-32. Alternates with English 67. Not offered in 1940-1941.

Mr. Werner

60. THE SEVENTEENTH CENTURY. (3 hrs.)

From Donne and the metaphysical poets to the age of Dryden. Prose and poetry will be studied with special emphasis on Milton. With English 59 this is one of the period courses of which two are required for a major. Prerequisite, English 31-32. Alternates with English 68. Not offered in 1940-1941.

Mr. Werner

61-62. THE RESTORATION AND EIGHTEENTH CENTURY.

(3 hrs.)

An interpretation of the literary and social life of the eighteenth century. Emphasis on Dryden, Defoe, Steele and Addison, and Swift in the first semester; Johnson and his circle in the second semester. Some attention to pre-romantic tendencies. One of the period courses of which two are required for a major. Prerequisite, English 31-32. Alternates with English 71-72.

M., W., F. 1:00

Mr. Werner

63-64. THE ROMANTIC PERIOD. (3 hrs.)

The poetry and criticism of the romantic movement from 1785 to 1832. Emphasis on Blake, Burns, Coleridge, and Wordsworth in the first semester. Study of Byron, Shelley, Keats, and the non-fictional prose writers in the second semester. One of the period courses of which two are required for a major. Prerequisite, English 31-32. Alternates with English 65-66. Not offered in 1940-1941.

Miss Hoagland

65-66. VICTORIAN LITERATURE. (3 hrs.)

The poetry and prose of the Victorian age with emphasis on Carlyle, Browning, and Tennyson in the first semester. A study of Arnold, Morris, Swinburne, and Hardy in the second semester. One of the period courses of which two are required for a major. Prerequisite, English 31-32. Alternates with English 63-64.

T., Th., S. 10:00

Miss Hoagland

67. THE NOVEL FROM DEFOE THROUGH JANE AUSTEN.

(3 hrs.)

Brief historical survey of the novel before the eighteenth century. Reading of novels to illustrate types such as the picaresque, realistic, and Gothic. Emphasis on Richardson, Fielding, Smollett, and Sterne. Alternates with English 59.

T., Th., S. 11:00

Mr. Werner

68. THE NOVEL FROM SCOTT THROUGH HARDY. (3 hrs.)

Tendencies in the development of the novel to 1900. Emphasis on Scott, Dickens, Thackeray, the Brontes, Eliot, Meredith, and Hardy. Alternates with English 60. *T., Th., S. 11:00* Mr. Werner

69. THE ENGLISH DRAMA TO THE RESTORATION. (3 hrs.)

Origin and development of the drama from the beginnings to the Restoration, exclusive of Shakespeare. Classical backgrounds, miracle and morality plays, early comedy and tragedy, Elizabethan, and Jacobean dramas. Prerequisite, six semester hours in English literature. Alternates with English 55.

M., W., F. 10:00 Miss Hoagland

70. ENGLISH DRAMA FROM 1660 TO 1900. (3 hrs.)

Development of the drama from the Restoration to the close of the Victorian period. Heroic drama, sentimental comedy, comedy of manners, social and problem plays. Prerequisite, six semester hours in English literature. Alternates with English 56.

M., W., F. 10:00 Miss Hoagland

71. MODERN LITERATURE FROM 1900 THROUGH THE WORLD WAR. (3 hrs.)

A survey of British and American literature, including poetry, drama, and the novel, and the Celtic Renaissance from approximately 1900 to 1920. Prerequisite, six semester hours in English literature. Alternates with English 61. Not offered in 1940-1941.

Mr. Werner

72. MODERN LITERATURE SINCE THE WORLD WAR. (3 hrs.)

A survey of British and American literature, including poetry, drama, and the novel with special attention to immediately contemporary works and trends. Prerequisite, six semester hours in English literature. Alternates with English 62. Not offered in 1940-1941.

Mr. Werner

86. TEACHING OF ENGLISH. (2 hrs.)

The aims, methods, and materials of teaching English in secondary schools. Open to upperclassmen who expect to teach English. It is urged that this course be taken in the junior year, so that the result of it may be available for practice teaching in the senior year.

W., F. 3:00 Mr. Werner

91-92. PROBLEMS IN LITERATURE. (1 or 2 hrs.)

A correlating and supplementing of the work done in separate courses. Emphasis on problems of literary criticism in the first semester. A chronological survey in the second semester. Papers and reports on minor research problems.

M. 3:00. Conference hours to be arranged. Miss Hoagland

JOURNALISM

53. REPORTING. (3 hrs).

A study of the techniques and values in news reporting. Emphasis on learning to write clearly, forcefully, and distinctly. The writing of a daily news story and a weekly feature will be requirements of the course. Alternates with Journalism 63. Prerequisite, six semester hours of English. Alternates with Journalism 63. Not offered in 1940-1941.

Mr. Roberts

54. JOURNALISTIC TYPES. (3 hrs.)

A study of the essay, satire, short story, feature, biography, and magazine article, with written work concentrated on one type to be selected by the student. Prerequisite, six semester hours of English. Alternates with Journalism 64. Not offered in 1940-1941.

Mr. Roberts

63. FEATURE WRITING. (3 hrs.)

The writing of special features for magazines and trade journals, and the submission of at least ten articles for publication. How to find themes to write about, how to handle the material, and how to put together the finished product. Admission by permission of instructor. Alternates with Journalism 53.

M. 11:00; T., Th. 1:00

Mr. Roberts

64. EDITORIALS AND PUBLIC OPINION. (3 hrs.)

A study of editorials, columns, motion pictures, and radio both as reflectors and moulders of public opinion. The writing of a daily editorial will be one requirement of this course. Prerequisite, six semester hours of English. Alternates with Journalism 54.

M. 11:00; T., Th. 1:00

Mr. Roberts

65. ADVERTISING. (3 hrs.)

A study of department store, financial, and business advertising programs, buying motives, sales appeals, copy-writing, layout and direct mail. Admission by permission of the instructor.

T., Th., S. 9:00

Mr. Roberts

66. HISTORY OF AMERICAN JOURNALISM. (3 hrs.)

Journalistic backgrounds followed by a development of American newspapers and magazines from colonial days to the present. A parallel study of the rise of advertising. Present day trends of news dissemination.

T., Th., S. 9:00

Mr. Roberts

71. SHORT STORY. (3 hrs.)

A study of short story types, and the writing of fifteen short stories. Admission by permission of instructor.

T., Th., S. 11:00

Mr. Roberts

72. PLAY WRITING. (3 hrs.)

A study of modern plays and the writing of six one act plays and two three act plays. Admission by permission of instructor.

T., Th., S. 11:00

Mr. Roberts

91-92. PROBLEMS IN JOURNALISM. (1 or 2 hrs.)

The undertaking of sustained work in features, plays, short stories, radio, or advertising. Admission only by permission of the instructor. Personal direction of individual projects and criticism of manuscripts. Open to students who are majoring or minoring in the department.

Hours to be arranged.

Mr. Roberts

SPEECH AND DRAMATICS

41-42. PUBLIC SPEAKING. (3 hrs.)

A laboratory course in the practice of speech; stresses the functional types of speech as preparation for social and professional life. The extemporaneous speech in various forms, the public discussion, and radio speaking. Voice recordings. A continuous course. Enrollment in each section limited to twenty.

Sec. 1, M., W. F. 10:00

Miss Hendrick

Sec. 2, T., Th., S. 10:00

Miss Hendrick

43. ARGUMENT. (3 hrs.)

A study in the principles of logic and psychology which underlie the art of persuasion, followed by practice in application of the theories developed.

M. 1:00-2:00

Mr. Booth

T. 1:00-3:00

45-46. PLAY PRODUCTION. (3 hrs.)

To promote an understanding and appreciation of the theatre from the point of view of the actor, director, technician, and audience. Study and participation in the activities of the theatre and the radio. Practical work in stagecraft, movement, makeup, pantomime, etc. Alternates with Speech 47-48.

M., W., F. 8:00

Miss Hendrick

47-48. THEATER ARTS. (3 hrs.)

An exposition of the continuity of theatrical development. Outside reading of biographies and critical reviews. Critical study of current plays, historical trends, and production problems. Alternates with Speech 45-46. Not offered in 1940-1941.

Miss Hendrick

MODERN LANGUAGES

Pearl Mahaffey, Head of the Department

Neil H. Graham, Assistant Professor

Earl D. McKenzie, Assistant Professor

AIMS:

The aim of the department is (a) to introduce students to the language, literature and culture of France, Germany, and the Spanish speaking countries; (b) to provide training for reading facility for students who may be interested in scientific or historical study requiring the language as a "tool subject"; and (c) to give adequate training in language, literature, and expression for students who are preparing to be teachers, translators, or for positions in the foreign service.

REQUIREMENT FOR MAJOR IN FRENCH:

Twenty-four hours in French with eighteen hours in the upper division. French 65-66 is required. History 43-44 and English 53-54 are strongly recommended.

REQUIREMENT FOR MINOR IN FRENCH OR GERMAN:

At least eighteen hours in one of the languages. History 43-44 is recommended.

FRENCH

11-12. FIRST YEAR FRENCH. (3 hrs.)

Fundamentals of grammar, pronunciation and composition. Emphasis on reading. For students who have no acquaintance with the language. A continuous course.

Sec. 1, T., Th., S. 8:00

Mr. Graham

Sec. 2, M., W., F. 8:00

Mr. Graham

31-32. INTERMEDIATE FRENCH. (3 hrs.)

Grammar review, composition, dictation, intensive and extensive reading. Emphasis on reading. Prerequisite, French 11-12 or satisfactory standing in an achievement test. A continuous course. This course is for students who have studied French in high school.

Sec. 1, T., Th., S. 8:00

Mr. McKenzie

Sec. 2, M., W., F. 1:00

Miss Mahaffey

Sec. 3, M., W., F. 2:00

Miss Mahaffey

Note: Students who have studied French before entering college will be given a placement test at the beginning of the college year. Those showing required proficiency will be enrolled in French 31-32.

51-52. CONVERSATION. (2 hrs.)

Study of syntax, prose composition and phonetics. Dictation and conversation. Prerequisite, French 31-32.

M., W. 9:00

Mr. Graham
and French assistant

55-56. DRAMA. (3 hrs.)

French drama from its beginning to the twentieth century, with emphasis on the seventeenth and nineteenth centuries. Prerequisite, reading knowledge of French. Alternates with French 61-62. Not offered in 1940-1941.

Miss Mahaffey

61-62. NOVEL. (3 hrs.)

The French novel from its beginning to the twentieth century. Prerequisite, a reading knowledge of French. Alternates with French 55-56.

T., Th., S. 9:00

Miss Mahaffey

63-64. CONTEMPORARY LITERATURE. (3 hrs.)

Selections from contemporary French writers read for understanding and appreciation. Prerequisite, a reading knowledge of French.

T., Th., S. 10:00

Mr. Graham

65-66. HISTORY OF FRENCH LITERATURE. (3 hrs.)

Survey of French literature from the early periods to present time. The textbook is in English, selections for reading are in French. A general course for all students. Prerequisite, a reading knowledge of French.

T., Th., S. 11:00

Miss Mahaffey

85. TEACHING OF MODERN LANGUAGES. (2 hrs.)

A study of teaching methods in secondary schools. Place of foreign language in curricula, psychology in language study, testing and analysis of achievement, practical grammar, courses of study, etc. Open only to students majoring or minoring in French or German.

W., F. 8:00

Miss Mahaffey

91 or 92. PROBLEMS. (1 or 2 hrs.)

Independent study for advanced students. Study to be in field of French literature or linguists. Open only to students majoring in French.

Hours to be arranged.

Miss Mahaffey
and Mr. Graham

GERMAN

11-12. FIRST YEAR GERMAN. (3 hrs.)

Fundamentals of grammar, composition and reading, with emphasis on reading. For students who have no acquaintance with the language. A continuous course.

Sec. 1, T., Th., S. 9:00

Mr. McKenzie

Sec. 2, T., Th., S. 10:00

Mr. McKenzie

31-32. INTERMEDIATE GERMAN. (3 hrs.)

Grammar, composition, intensive and extensive reading. Special emphasis on outside reading in student's major or minor field. Prerequisite, German 11-12 or satisfactory standing in achievement test. This course is for students who have studied German in high school. A continuous course.

M. 11:00; T., Th. 1:00

Mr. McKenzie

41-42. SCIENTIFIC GERMAN. (1 hr.)

Intended as a continuation of the scientific reading done in German 31-32. Readings in the journals and literature of the student's own field with reports and conferences. Prerequisite, a reading knowledge of German.

Th. 2:00

Mr. McKenzie

51-52. CONVERSATION AND COMPOSITION. (1 or 2 hrs.)

Study of syntax, prose composition, dictation and conversation. Admission on approval of instructor.

M. 2:00

Mr. McKenzie
and German assistant

57-58. NINETEENTH CENTURY. (3 hrs.)

Reading and critical study of the nineteenth century, especially Kleist, Hebbel and Keller. Special emphasis on the drama and the Romantic school. Outside readings and class reports. Prerequisite, German 31-32 or equivalent. Alternates with German 67-68.

M., W., F. 1:00

Mr. McKenzie

67-68. EIGHTEENTH CENTURY. (3 hrs.)

Reading of the works of Lessing, Goethe and Schiller with outside readings and class reports. Prerequisite, German 31-32 or equivalent. Alternates with German 57-58. Not offered in 1940-1941.

Mr. McKenzie

SPANISH

11-12. FIRST YEAR SPANISH. (3 hrs.)

Fundamentals of grammar, composition, pronunciation and reading, with emphasis on reading. For students who have no acquaintance with the language. A continuous course.

M., W., F. 1:00

Mr. Graham

31-32. INTERMEDIATE SPANISH. (3 hrs.)

Grammar, oral work and reading. Practice in dictation, writing and speaking. Reading of modern prose and plays. Prerequisite, Spanish 11-12 or satisfactory standing in achievement test. This course is for students who have studied Spanish in high school. A continuous course.

M., W., F. 2:00

Mr. Graham

GROUP II—PSYCHOLOGY, PHILOSOPHY, AND EDUCATION

EDUCATION

R. H. Eliassen, Head of the Department

F. H. Kirkpatrick, Professor

AIMS:

It is the aim and plan (a) to stimulate an interest in and an awareness of educational objectives in public education; (b) to give professional training necessary for certification as secondary teachers in Ohio, Pennsylvania, West Virginia, and other states; (c) to offer background and some technical preparation for types of guidance and personnel work; and (d) to develop in teacher and personnel candidates the consciousness of education as a universal, continuous, socially permeating process.

REQUIREMENT FOR MAJOR:

A minimum of twenty-six hours in the department, to include the following courses: Psychology 42, Education 31, 51, 52, 61 or 65, 76, 91 or 92. Psychology 62, Sociology 53, Biology 11-12 and Speech 41-42 are strongly recommended.

REQUIREMENT FOR MINOR:

Twenty hours in the department, with the sequence of courses approved by the head of the department.

TEACHER TRAINING:

Students who are interested in teaching should confer with the head of the Department of Education before beginning upper division courses. Such a conference will give the student an understanding of the teaching profession, the requirements for certification in the various states, and the personal qualifications considered essential. Before a student is accepted for teacher training by the Department of Education, he must pass tests of proficiency in general culture and English usage.

31. INTRODUCTION TO EDUCATION. (3 hrs.)

Presents a comprehensive view of education—its aims, organization, and procedures. Planned to acquaint students with teaching as a profession and as an important agency in our social development. Wide reading from many sources and on many topics together with the preparation of a selective bibliography are requirements in the course.

M., W., F. 1:00

Mr. Eliassen

32. HISTORY OF EDUCATION. (3 hrs.)

A general survey of educational theory and practice from the days of ancient Greece to the present day. Considerable emphasis is placed on biographical studies of distinguished educators representing various periods in educational history. The pivotal aim of the course is to present modern educational development in the light of its historical antecedents.

M., W., F. 1:00

Mr. Eliassen

42. EDUCATIONAL PSYCHOLOGY. (3 hrs.)

See Psychology 42.

51. PHILOSOPHY OF EDUCATION. (3 hrs.)

Detailed study of the various philosophies of education as a basis of content and method of teaching. The relation of the philosophy of education to current theory and practice. The course is recommended to upper division students who do not expect to enter the teaching profession but who desire a working knowledge of education as a preparation for civic participation. Prerequisite, some training in psychology.

T., Th., S. 9:00

Mr. Eliassen

52. PRINCIPLES OF SECONDARY EDUCATION. (3 hrs.)

Stresses social and economic principles that govern secondary education in America as well as the immediate and ultimate aims to be realized. Important issues and trends receive emphasis. A library centered course that requires extensive reading and reports. A minimum of six observations in secondary schools is required.

T., Th., S. 9:00

Mr. Eliassen

53. EDUCATIONAL SOCIOLOGY. (2 hrs.)

See Sociology 53.

61. EDUCATIONAL MEASUREMENTS. (2 hrs.)

Tests and testing procedures as significant elements in the educative process. The development, theory, construction, and practical application of educational and mental tests. General techniques of testing achievement, special abilities, and personality traits. Emphasis on measurement in the secondary schools. Not offered in 1940-1941.

Mr. Kirkpatrick

62. MENTAL MEASUREMENTS. (2 hrs.)

See Psychology 62.

64. MENTAL HYGIENE. (2 hrs.)

A study of wholesome, effective personality adjustments, and of the more common causes of mental ill-health. Emphasis on emotions and the educative process and

the application of mental hygiene in the classroom. Analysis and interpretation of the emotional and personality problems of school children. Alternates with Education 78. Not offered in 1940-1941.

Mr. Kirkpatrick

65. EXPERIMENTAL AND STATISTICAL METHOD. (3 hrs.)

Survey of types of investigation, technique of experimentation, and elementary methods of handling quantitative data in educational, psychological, or sociological studies. Minimum techniques in the use of measures of central tendency, variability, correlation and graphic methods. The aim is to train students to analyze experimental and statistical studies. This course does not treat the development of statistical formulae or the mathematical theory underlying them. In 1940-1941 this course will be offered in the second semester.

M., W., F. 8:00

Mr. Kirkpatrick

73. VISUAL AND AUDITORY EDUCATION. (2 hrs.)

Emphasis on special materials and methods of visual and auditory education including motion pictures and radio. Problems of selection, integration, and evaluation will be stressed. The cinema and the radio as factors in character development considered in the light of recent research.

T., Th. 8:00

Mr. Eliassen

74. PROBLEMS OF SECONDARY TEACHING. (2 hrs.)

A practical course in the analysis and solution of problems of curricula, pupil-adjustment, teaching methods, supervision, organization and community relationships in junior-senior high schools. Problems being studied are stimulated by a seminar of the students enrolled in the course.

Hours to be arranged.

Mr. Eliassen

76. EDUCATIONAL ADMINISTRATION. (2 hrs.)

Study of federal, state, and local administration of the schools. Functions of the board of education, superintendent, principal, and the teacher are stressed. Special consideration will be given to personnel problems of students and teachers. A minimum of six observations in some school system is required.

T., Th. 8:00

Mr. Eliassen

78. GUIDANCE. (2 hrs.)

A comprehensive view of the procedures and purposes in guidance and personnel work. Major objectives, interrelations, techniques, counseling, records, and organization for educational, vocational, and social guidance in the junior and senior high school. This course presupposes some training in psychology. Alternates with Education 64. Not offered in 1940-1941.

Mr. Kirkpatrick

81 or 82. OBSERVATION AND DIRECTED TEACHING. (6 hrs.)

This course is offered each semester. Observations, participation activities, and student teaching under supervision in the secondary schools of Brooke and Ohio

Counties. Observation and participation activities precede teaching but may alternate with teaching later in the semester. A notebook must be kept to preserve suggestions for self-improvement. Two group conferences are scheduled for each week and these are supplemented by individual conferences with critic teachers and the professor in charge of the course. Most of the teaching is done in the local high school although students are urged to make use of other nearby high schools as well. Teaching shall be in the major or minor subjects. Each student will spend at least one period a day during the semester teaching or observing at the high school. This is an intensive training course for students seriously interested in teaching as a profession.

Note: Registration for this course is limited to seniors with at least 12 hours of professional training, an academic average of C, and satisfactory scores on tests of general culture and English usage which should be taken in the sophomore or junior years. Students will not be permitted to register for more than 16 semester hours (including this course) of academic work during the semester in which this work is carried on. An application for the privilege of doing directed teaching must be presented before registration can be completed. This application must include certification by the Admissions and Personnel Office to the effect that the requirements in professional training, scholarship, and achievement test standards have been met, as well as the approval of the head of the student's major department. The necessary blanks may be secured from the head of the department and final enrollment also must depend on his approval.

Hours to be arranged.

Mr. Eliassen and Critic Teachers

85 or 86. SPECIAL METHODS. (2 or 3 hrs.)

Many departments of the college offer courses in the teaching of the corresponding secondary school subjects. These courses present the most approved methods in teaching subjects at the secondary school level. Such courses are open only to juniors and seniors who expect to teach. The following are the special methods courses offered:

Latin 85	History 85	Mathematics 86
English 86	Secretarial Tr. 85-86	Physics 85
French 85	Biology 85	Music 85-86
Phys. Ed. 85	Chemistry 85	

91 or 92. PROBLEMS. (1 or 2 hrs.)

Independent study and investigation in the field of professional education. Open only to students of unusual ability and adequate background in the field of education.

Hours to be arranged.

Mr. Eliassen and Mr. Kirkpatrick

PSYCHOLOGY AND PHILOSOPHY

Andrew Leitch, Head of the Department

D. E. Stevenson, Instructor

AIMS:

Psychology is intended to acquaint the student with the facts and laws of behavior, especially human behavior—physical and mental, normal and abnormal—and with the experimental and scientific approach to problems in this field. The courses offered are designed (a) to enable the student to develop a wholesome personality and to make adequate social adjustments; (b) to give background preparation for professions which relate to individual and group behavior; and (c) to lay a broad foundation for graduate work and professional study in this or some related field.

PSYCHOLOGY

REQUIREMENT FOR MAJOR:

At least twenty-four hours of psychology, which must include Psychology 31-32, 42, 53, 62, 64, 76 and 77. A major should also include Biology 11-12 and Education 65. Biology 43, Education 64, and Sociology 41-42 are recommended.

REQUIREMENT FOR MINOR:

At least eighteen hours of psychology, which must include Psychology 31-32, 53, 62, and 64. Education 65 is recommended.

31-32. GENERAL PSYCHOLOGY. (3 hrs.)

An introductory course providing a systematic study of the most important facts and laws of behavior and mental life. Emphasis on their practical significance in the professions, business, industry, and everyday life. Class experiments and laboratory demonstrations. A continuous course.

Sec. 1, M., W., F. 9:00

Sec. 2, M., W. F. 10:00

Mr. Leitch

42. EDUCATIONAL PSYCHOLOGY. (3 hrs.)

A study of the nature and laws of learning; original nature as conditioning learning; the amount, rate, limit, and performance of improvement; factors and conditions affecting learning; transfer of training; mental fatigue; individual differences; efficient methods of study. Laboratory demonstrations and class experiments. Prerequisite, Psychology 31, preferably Psychology 31-32.

T., Th., S. 11:00

Mr. Leitch

53. EXPERIMENTAL PSYCHOLOGY. (3 hrs.)

A laboratory course in which the student carries on a series of typical psychological experiments in sensory, motor, intellectual, and emotional processes. After

learning the technique of psychological experimentation each student may investigate minor problems within his own interest. Students electing Psychology 53 should continue with Psychology 62 and 64. Prerequisite, six semester hours in Psychology.

Laboratory: T., Th. 1:00-3:00

Discussion hour to be arranged.

Mr. Leitch and assistant

55. SOCIAL PSYCHOLOGY. (3 hrs.)

A systematic study of the nature and causes of human social behavior. Social problems involved in such phenomena as race and sex differences, intelligence levels, the crowd, convention and custom, morale, leadership, social progress and deterioration, social adjustment and maladjustment. Prerequisite, six semester hours in Psychology. Alternates with Psychology 57.

T., Th., S. 10:00

Mr. Leitch

57. PSYCHOLOGY OF PERSONALITY. (3 hrs.)

An analysis of the nature of personality, its constituent elements, basic drives, integrating and disintegrating conditions, adequate and inadequate adjustments, with especial attention to the development of a wholesome personality. The measurement of personality. Prerequisite, six semester hours in Psychology. Alternates with Psychology 55. Not offered in 1940-1941.

Mr. Leitch

58. ABNORMAL PSYCHOLOGY. (3 hrs.)

A study of abnormal human traits and comparison with the normal. A systematic study of mental deficiency, the neuroses, the psychoses (insanity), and abnormal traits in everyday life. Study trips to nearby special classes and institutions for mental cases. Prerequisite, six semester hours in Psychology.

T., Th., S. 10:00

Mr. Leitch

59. CHILD PSYCHOLOGY. (2 hrs.)

A study of the physical, intellectual, emotional, social, and aesthetic development of the individual in infancy and childhood. The relation of maturation to learning. Observation of children and visits to special classes. Prerequisite, six semester hours in Psychology. Alternates with Psychology 61. Not offered in 1940-1941.

Mr. Leitch

61. PSYCHOLOGY OF ADOLESCENCE. (2 hrs.)

A study of the development of the individual from pubescence through adolescence, with especial reference to the intellectual, emotional, social, educational, and moral problems of adolescent youth. Prerequisite, six semester hours in Psychology. Alternates with Psychology 59.

T., Th. 1:00

Mr. Leitch

62. MENTAL MEASUREMENTS. (2 hrs.)

A study of the more important techniques for the measurement of mental capacity, with especial attention to intelligence tests. Historical development, fundamental principles, validity and practical values of mental measurements. Laboratory demonstrations of individual mental testing. Practice in giving, scoring, and evaluating group tests. Prerequisite, six semester hours in Psychology.

T., Th. 2:00

Mr. Leitch

64. MENTAL TESTING AND DIAGNOSIS. (1 hr.)

A laboratory course in which the student has an opportunity to learn the technique of individual and group mental testing. In addition to the use of the psychological laboratory, liberal use is made of nearby public schools and college classes for individual examination and for mental surveys, with emphasis on evaluation of tests and diagnosis. A companion course of Psychology 62.

T., Th. 2:00

Mr. Leitch

66. APPLIED PSYCHOLOGY. (3 hrs.)

Psychological concepts and techniques in the business and industrial world. Personnel selection, testing and training the worker, motivation, accidents and fatigue, advertising and selling, management and market research. Prerequisite, six semester hours in Psychology. Psychology 53 and Education 65 are recommended as a prerequisite.

M., W., F. 9:00

Mr. Kirkpatrick

76. CONTEMPORARY SCHOOLS OF PSYCHOLOGY. (1 hr.)

A study of the historical development and an evaluation of some of the more important trends and schools of contemporary psychology, such as introspectionism, behaviorism, psychoanalysis, Gestalt, etc. Limited to students majoring or minoring in psychology who have at least twelve semester hours in the department.

M. 11:00

Mr. Leitch

77. CURRENT PSYCHOLOGICAL LITERATURE. (1 hr.)

Extensive reading in the psychological journals and intensive study of some recent project in psychological research. Limited to students majoring or minoring in psychology who have at least twelve semester hours in the department.

M. 11:00

Mr. Leitch

91-92. PROBLEMS. (1 or 2 hrs.)

An advanced course for a limited number of major students in the department. Individual work on experimental problems or investigations in which the student is especially interested. Limited to seniors who are qualified for minor research. May be elected only with the approval of the head of the department.

Hours to be arranged.

Mr. Leitch and Mr. Kirkpatrick

PHILOSOPHY

53-54. HISTORY OF PHILOSOPHY. (3 hrs.)

A rapid survey of Western philosophical thought beginning with Greece and moving through ancient and medieval into modern times. The systems of Plato, Aristotle, Stoicism, Descartes, Spinoza, Kant, and Locke will be among those receiving emphasis. Class lectures will be supplemented by readings in the English translations of original writings, readings in the text, and by papers and discussions tracing the philosophical sources of modern ideas in certain matters of government, ethics, education and religion. Not offered in 1940-1941.

Mr. Stevenson

57. ETHICS. (3 hrs.)

An introductory course combining the historical and the systematic approach to the main types of ethical theory including Epicureanism, Stoicism, Humanism, Naturalism, and the Christian Ethic. Problems of individual and social morality which confront modern thought will receive special consideration in the second half of the semester. Lecture, forum, collateral readings and papers. Not offered in 1940-1941.

Mr. Stevenson

59. FRONTIERS OF THOUGHT. (3 hrs.)

A course in philosophical problems designed to introduce the student to actual experience in the philosophic method. A consideration of certain problems of life and thought approached from the standpoint of meanings and values. Individual and group research supplementary to class discussion, brief papers and reports.

T., Th., S. 8:00

Mr. Stevenson

60. PHILOSOPHY OF RELIGION. (3 hrs.)

Investigation of the life situation out of which religion rises for the individual and society; a study of religion in belief and in practice. The problems of God, evil, freedom, immortality, prayer, and revelation will be considered under religious belief. In the study of religion in practice discussion will center on organized religion, the cultus, and the relation of the church to other social institutions. Not a survey of types of religious philosophy but a consistent system of present-day thought rooted in the thought of Whitehead, Calhoun, Wieman, and Macmurray.

T., Th. S. 8:00

Mr. Stevenson

PHYSICAL EDUCATION AND HEALTH

J. J. Knight, Head of the Department

W. E. Boettcher, Assistant Professor

Blanche Burrow, Instructor

AIMS:

It is the aim and plan of the department of physical education and health (a) to promote the health education and physical development of the student; (b) to provide opportunities for students to participate in and secure a reasonable degree of proficiency in physical recreation activities; and (c) to train physical education and play leaders for public schools and communities.

REQUIREMENT FOR MAJOR:

A minimum of thirty hours which should include the following courses: Physical Education 15 or 16, 37, 67, 70, 82, 85, 87.

REQUIREMENT FOR MINOR:

A minimum of twenty hours in the department with the sequence of courses approved by the head of the department.

REQUIREMENT FOR ALL STUDENTS:

Freshmen—Physical Education 11-12 is required. Physical Education 15 or 16 may be elected in the freshman year.

Sophomores—Two semester hours in any activity course in the department and Physical Education 15 or 16, if not elected in the first year. Students who are physically unfit as certified by the college physician may petition to be allowed to substitute hours in other courses in lieu of activity courses in physical education. Students who are not candidates for a degree may be exempt from the requirement in physical education. Any petition for exemption from physical education should be addressed to the Committee on Admissions and Classifications.

11-12. FRESHMAN PHYSICAL EDUCATION. (1 hr.)

Outdoor and indoor activities. Adapted to abilities of the student. Instruction in the technique and rules of a wide variety of individual and team games. Required of all freshmen.

Men:

Mr. Boettcher and Assistants

Sec. 1, M., W., F. 9:00

Sec. 2, M., W., F. 10:00

Sec. 3, M., W., F. 2:00

Women:

Miss Burrow and Assistants

Sec. 1, M., W., F. 3:00

Sec. 2, M., W., F. 4:00

15 or 16. PERSONAL HYGIENE. (2 hrs.)

Fundamental knowledge of personal hygiene and how the health of the individual may be conserved. Especially for freshmen and sophomores. Offered each semester.

First Semester: T., Th. 11:00

Mr. Boettcher

Second Semester: T., Th. 1:00

21-22. TAP AND CHARACTER DANCING. (1 hr.)

A practical course starting out with elementary tap steps and combinations working up to finished routines and dances. Open to men and women.

T., Th. 1:00

Miss Burrow

23-24. FOLK DANCING. (1 hr.)

A practice course in folk dancing from many countries. English and American country dances are studied during the first semester and European folk dances during the second semester. Open to men and women.

T., Th. 11:00

Miss Burrow

25-26. SOPHOMORE PHYSICAL EDUCATION. (1 hr.)

A practice course dealing primarily with team sports. Intended for sophomores who want to elect a general recreation course.

Men:

Mr. Boettcher and Assistants

Sec. 1, T., Th. 9:00

Sec. 2, T., Th. 10:00

Women:

Miss Burrow and Assistants

T., Th. 2:00

31. SCOUTING. (1 hr.)

Fundamentals of scouting. Elements of scout leadership, troop and pack management, program planning, camping, etc. A practical course involving experience with the local troop and occasional visits to Camp Bethany.

M., W. 1:00

Mr. Boettcher

32. COMMUNITY HYGIENE. (2 hrs.)

A study of health matters pertaining to the group.

M., W. 10:00

Miss Burrow

34. CAMPING AND OUT DOORS. (1 hr.)

See Biology 34.

35. ELEMENTARY SWIMMING. (1 hr.)

Instruction for beginners in buoyance and floating test. Preliminary tests for swimming, and such strokes as elementary back, side and single over arm.

Men:

T., Th. 2:00

Mr. Boettcher and Assistant

Women:

M., W. 2:00

Miss Burrow and Assistant

36. ADVANCED SWIMMING. (1 hr.)

Instruction in the correct form of the more advanced strokes as the trudgen, American crawl, racing back, and breast. Diving and life-saving. Prerequisite, Physical Education 35 or equivalent.

Men:

T., Th. 2:00

Mr. Boettcher and Assistant

Women:

M., W. 2:00

Miss Burrow and Assistant

37. PLAYGROUND MANAGEMENT. (3 hrs.)

Instruction in playground management, group games, relays, stunts, rhythmic material for elementary children. Two hours of theory and one hour of practice.

T., Th., S. 10:00

Miss Burrow

39. PREVENTION AND CARE OF INJURIES. (2 hrs.)

Common hazards of play and athletics with a study of prevention measures and treatment of injuries. Red Cross First Aid Certificate may be earned by those who pass the examination. Not offered in 1940-1941.

Miss Burrow and Mr. Knight

45. TUMBLING AND STUNTS. (1 hr.)

Practice course beginning with individual stunts leading to advanced group work. Open to men and women. Not offered in 1940-1941.

Mr. Knight

46. GYMNASTICS AND APPARATUS. (1 hr.)

A survey course of various gymnastic systems and practice in apparatus.

Hours to be arranged.

Mr. Boettcher

47-48. THEORY AND PRACTICE OF TEAM SPORTS. (1 hr.)

Intensive practice with opportunity to officiate in team sports. Sports for men: touch football, soccer, speedball, volleyball, basketball, and baseball. Sports for women: hockey, soccer, speedball, volleyball, basketball, and baseball.

Hours to be arranged.

Miss Burrow and Mr. Boettcher

51-52. MODERN DANCING. (1 hr.)

A practice course in contemporary dancing, emphasizing the use of fundamental expressive movements in creative work.

T., Th. 9:00

Miss Burrow

53. COACHING FOOTBALL. (2 hrs.)

A survey course of various gymnastic systems and practice in apparatus. Prerequisite, players, rules of the game from the viewpoint of the player, coach, official, and spectator.

M., W. 9:00

Mr. Knight

54. COACHING BASKETBALL. (2 hrs.)

A study of fundamentals, offensive and defensive styles of play, conditioning players, rules of the game and officiating. The place of basketball in the intra-mural program. Not offered in 1940-1941.

Mr. Knight

56. BASEBALL, TRACK AND FIELD. (2 hrs.)

A study of the strategy and fundamentals of baseball, track and field.

Hours to be arranged.

Mr. Knight

58. COMMUNITY RECREATION. (2 hrs.)

The new leisure and its meaning, education for leisure, effect of leisure on personality, recreation and social maladjustment, recreation and movements and activities in the United States and foreign countries, and various sociological aspects of leisure and recreation.

T., Th. 10:00

Miss Burrow

67. PHYSIOLOGY. (3 hrs.)

See Biology 67.

70. KINESIOLOGY. (3 hrs.)

A study of fundamental bodily movements, with inquiry as to how they are performed, their reaction on the body, and their relation to bodily development and bodily efficiency. Prerequisite, Biology 36 and Biology 67.

M., W., F. 1:00

Mr. Boettcher

72. CORRECTIVE GYMNASTICS AND NORMAL DIAGNOSIS.

(2 hrs.)

A study of variations of the normal types of the human organism at different age levels. Therapeutic measures will be evaluated, especially those which refer to the correction of mechanical defects. Prerequisite, Biology 36 and Biology 67. Not offered in 1940-1941.

Mr. Boettcher and Miss Burrow

74. ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION. (3 hrs.)

This course deals with administrative relationships and procedures in the conduct of physical education. For advanced students who are majoring or minoring in the department.

M., W., F. 10:00

Mr. Knight

82. THEORY AND PRACTICE OF INDIVIDUAL SPORTS. (2 hrs.)

Intensive practice in badminton, handball, archery, tennis, and golf. Knowledge of rules and tournament methods will be stressed. Open to both men and women.

M., W., F. 1:00

Miss Burrow and Mr. Knight

85. METHODS OF HEALTH AND PHYSICAL EDUCATION. (3 hrs.)

Methods, materials, and techniques pertinent to the teaching of health and physical education. Prerequisite, Physical Education 15 or 16, Physical Education 32, and Biology 67.

M., W., F. 10:00

Mr. Knight

87. HISTORY AND PRINCIPALS OF PHYSICAL EDUCATION.

(3. hrs.)

A survey of the development of physical education from ancient times to the present. A study of objectives in the physical education program and their relation to education in general. For students who are majoring or minoring in the department.

M., W., F. 1:00

Mr. Knight

91-92. PROBLEMS. (1 or 2 hrs.)

For advanced students in physical education who can undertake special problems for study or who are prepared to develop and project a program. Readings, reports, and conferences will be required.

Hours to be arranged.

Mr. Knight and Miss Burrow

EQUIPMENT:

Men and women taking activity courses in physical education must wear regulation gymnasium apparel. For the men this consists of basketball or gymnasium shoes, white socks, white gymnasium shirts, pants, and sweat suits. For women the regulation costume consists of a green and white washable suit, sweat shirt, white sneakers, and socks, purchased through Bethany College Book Store.

Note: A season's work in varsity athletics, i. e. football, basketball, track, or tennis, is credited with one hour of physical education provided proper course registration is made. Only two physical education hours may be obtained through varsity athletics.

GROUP III—SOCIAL STUDIES

ECONOMICS AND BUSINESS ADMINISTRATION

Clyde J. Crobaugh, Head of the Department
_____, Instructor

AIMS:

The courses are designed (a) to give an understanding of the principles involved in economic behavior, of the relationships and process of the modern economic system, and of the relationships between this system and government; (b) to develop ability in the analysis of economic problems; (c) to furnish a basis for intelligent citizenship in dealing with the complex socio-economic problems; (d) to equip the student with fundamental and some technical preparation for business; and (e) to provide preparation for teaching economics and for post-graduate or professional study.

REQUIREMENT FOR MAJOR:

Twenty-four semester hours of which eighteen hours must be in the upper division courses. The major must include Economics 51-52 and Economics 83-84. Students wishing to go directly into a business organization should elect Economics 47 or Mathematics 37 and such courses as Economics 45, 46, 61, and 62. Certain courses in political science and psychology are strongly recommended.

REQUIREMENT FOR MINOR:

Eighteen semester hours in an approved sequence are required for a minor in Economics. Nine hours must be in upper division courses.

33. ECONOMIC GEOGRAPHY. (3 hrs.)

Study of world production and distribution of food supplies, power resources and raw materials for manufacture, with reference to the natural and economic determining factors. Special consideration is given to these relationships in the United States and the Ohio Valley. Open to freshmen. Not offered in 1940-1941.

Mr. Sumpstine

43-44. PRINCIPLES OF ECONOMICS. (3 hrs.)

Study of the nature, scope and organization of economic activities in our modern society, fundamental principles and policies involved and their application to contemporary problems. This is a general course which lays the foundation for specialized study in the various branches of theoretical and applied economics. Not open to freshmen.

Sec. 1, T., Th., S. 8:00

Mr. Crobaugh

Sec. 2, M., W., F. 10:00

Mr. Crobaugh

45. ELEMENTARY ACCOUNTING. (3 hrs.)

Elementary principles of accounting and their application to the sole proprietorship, the partnership and the corporation. Methods of collecting, recording and reporting accounting information. An introductory course providing the basis for an understanding of the financial reports of modern industry and units of government, and the fundamental principles for those wishing to pursue advanced work in Accounting. Class and laboratory work. Not open to freshmen.

T., Th. 1:00-3:00

Mr. _____

46. INTERMEDIATE ACCOUNTING. (3 hrs.)

Further application of the principles covered in Elementary Accounting; summary records, controlling accounts, partnership problems, corporation problems. Class and laboratory work. Prerequisite, Economics 45.

T., Th. 1:00-3:00

Mr. _____

47. STATISTICS. (3 hrs.)

A course intended to provide an understanding of elementary statistical methods in handling economic and sociological data; the logic and validity of statistical methods as applied to both theoretical and practical problems of the social sciences, including the technique of tabulation and graphic presentation; index numbers; interpretation and use of statistical presentation. Prerequisite, sophomore rank.

M., W., F. 9:00

Mr. _____

51-52. MONEY AND BANKING. (3 hrs.)

Development, nature and functions of various types of monetary systems and banking institutions; the principles of money, banking, and credit; proposals for price stabilization, the gold standard, managed currency, foreign exchange and international financial relationships, central banking, the Federal Reserve System, government and banking. Special attention is given to post-war developments and monetary and banking problems at the present time. Prerequisite, Economics 43-44.

M., W., F. 10:00

Mr. _____

53. LABOR PROBLEMS. (3 hrs.)

A study of the position of the wage earner in modern industrial society, the background of industrial relations, and such major problems as wages and income, hours of work, unionism and collective bargaining, strikes, scientific management, employer activities, insecurity and labor legislation. Prerequisite, Economics 43-44. Alternates with Economics 55. Not offered in 1940-1941.

Mr. Crobaugh

54. INSURANCE. (3 hrs.)

Functions of the more important types of insurance through an analysis of their principles and practices. Life insurance and the various forms of social insurance. The legislation, policies and procedures of the various state and federal

governments in connection with the Federal Social Security Act are given particular attention. Prerequisite, Economics 43-44. Alternates with Economics 56. Not offered in 1940-1941.

Mr. Crobaugh

55. PUBLIC FINANCE. (3 hrs.)

Theories and principles of taxation; practical financial problems of federal, state, and local governments; public expenditures; kinds of taxes and other public revenues; public debt, methods and effects of borrowing; fiscal organization and administration; budgets. Prerequisite 43-44. Alternates with Economics 53.

M., W., F. 2:00

Mr. _____

56. PUBLIC UTILITIES. (3 hrs.)

A study of the economic conditions and problems in the light, power, and transportation industries; development, valuation and rate making; government aid, regulation, and operation in the United States and foreign countries. Prerequisite, Economics 43-44. Alternates with Economics 54.

M., W., F. 8:00

Mr. _____

61. BUSINESS ADMINISTRATION. (3 hrs.)

The organization and management of business enterprise. This course serves particularly the students who wish a general survey of the structure, functions and techniques of business activities. Prerequisite or corequisite, Economics 43-44. Alternates with Economics 63.

M., W., F. 8:00

Mr. _____

62. MARKETING. (3 hrs.)

Study of the marketing institutions, methods, trends and social and economic factors which influence these institutions; the channels of trade, the methods and costs of marketing, the nature and effects of competition in marketing; market policies, promotion and operations. Prerequisite, Economics 43-44. Alternates with Economics 64.

M., W., F. 9:00

Mr. _____

63. ADVANCED ACCOUNTING. (3 hrs.)

Theory and practical application involving problems of valuation of assets and liabilities, reserves, depreciation, capital accounts and profits, dividends, corporate consolidations, estates and trusts. Class and laboratory work. Prerequisite, Economics 46. Alternates with Economics 61. Not offered in 1940-1941.

Mr. _____

64. COST ACCOUNTING. (3 hrs.)

General methods of collecting costs of material, labor, and burden and incorporating them in the books of account; operation reports and cost statistics; interpretation of cost data for commercial and industrial organization; elimina-

tion of waste through proper costing. Class and laboratory work: Prerequisite, Economics 46. Alternates with Economics 62. Not offered in 1940-1941.

Mr. _____

65. BUSINESS LAW. (3 hrs.)

Study of a person's rights and obligations which relate to the usual business transactions. Stress is laid upon the elements of contracts, sales, agency relationships, and negotiable instruments, though some time is devoted to other phases of law such as property, corporations, bankruptcy, and courts and court procedure.

M., W., F. 1:00

Miss Sparks

66. SALES AND ADVERTISING. (3 hrs.)

A study of the principles and practices of oral and printed salesmanship and types of sales organizations and activities. The second half of the course deals with the psychology, art and strategy of advertising, advertising media and their effectiveness. Prerequisite, Economics 62. Alternates with Economics 68. Not offered in 1940-1941.

Mr. _____

68. CORPORATION FINANCE AND INVESTMENTS. (3 hrs.)

Financial management of corporate enterprise; aspects of promotion, current administration, expansion, failure and reorganization. The latter half of the course is given to consideration of the theory of investment analysis, the operation of the stock market, and the Federal Security Commission. Prerequisite, Economics 43-44 and 45. Alternates with Economics 66.

M., W., F. 1:00

Mr. Crobaugh

70. PURCHASING. (3 hrs.)

A study of the functions, duties, organization, and position of the purchasing department in various types of business. Attention is given to the larger administrative problems connected with the organization and operation of purchasing departments. Includes a study of commodities and prices. Prerequisite, Economics 43-44.

M., W., F. 8:00

Mr. _____

71. CREDITS AND COLLECTIONS. (2 hrs.)

Includes the advantages and disadvantages of credit sales. Credit and collection policies and practices of the manufacturer, wholesaler, and retailer are discussed and evaluated. Attention is given to the sales aspect of the credit department as well as to the different forms of consumer credit. Prerequisite, Economics 43-44.

T., Th. 2:00

Mr. Crobaugh

73. INTERNATIONAL ECONOMIC POLICIES. (3 hrs.)

A survey course of the international commercial policies of nations. A study is made of the theory of international trade; the protection and free trade controversy; the reciprocal tariff bargaining policy of the United States; the export of capital; the control of raw materials; international cartels; and the merchant marine. Prerequisite, Economics 43-44 and six hours in upper division courses in the department. Not offered in 1940-1941.

Mr. Crobaugh

83-84. ECONOMIC THEORY AND CONTEMPORARY PROBLEMS
(3 hrs.)

A study of economic theory, and of important social and economic problems of the present time and the relationships between them and government. Analysis of proposals for social reorganization, factors controlling production, relative values, and distribution. The general problem of social control and planning. Prerequisite, Economics 43-44 and six semester hours in upper division courses in the department.

M., W., F. 9:00

Mr. Crobaugh

91-92. SEMINAR IN ECONOMICS. (2 hrs.)

Emphasis on independent study. Members may study problems in theoretical or applied economics in which they are particularly interested and in accordance with individual needs and preparation. Limited to seniors majoring or minor-ing in economics. Group meetings and individual conferences. Prerequisite, at least fifteen semester hours in the department.

T., Th. 1:00

Mr. Crobaugh

HISTORY AND POLITICAL SCIENCE

W. K. Woolery, Head of the Department

Chandler Shaw, Assistant Professor

AIMS:

The aims of the courses are (a) to acquaint the student with the record of mankind and the forces which have created that record; (b) to develop a critical faculty of interpreting the past; (c) to encourage an attitude of thought and concern on the present problem of public welfare; (d) to offer training for those who wish to teach history.

The courses in political science are intended to introduce the student to the theory and problems of government, and to provide training for professional careers in public service and in teaching the social studies.

REQUIREMENT FOR MAJOR:

Major students in history must elect not less than twelve semester hours in European history other than History 11-12, six semester hours in American

history, and six hours in political science. Not less than eighteen hours must be taken in upper division, and it is recommended that twelve hours be taken in each of the last two years.

REQUIREMENT FOR MINOR:

The minimum requirement for a minor in history is eighteen hours in the department with not less than six hours of upper division work. Six hours of the minor may be in political science.

A minimum of eighteen hours is required for a minor in political science. History 41-42 or History 63-64 may be made a part of the eighteen hours. All courses in political science apply on the history major but do not alter the minimum requirement for that major.

EUROPEAN HISTORY

11-12. OUR CULTURAL HERITAGE. (3 hrs.)

A survey of the institutions and cultural achievements from the beginnings of civilization to the Machine Age. Deals with political and economic systems, literature, philosophy, religion, art, architecture, and daily life. Outside readings include selections from the best literature and thought of past ages. Material civilization is illustrated with lantern slides. The course is intended as a foundation for the social sciences, English and foreign literatures, religion, and the arts.

Sec. 1, M., W., F. 8:00

Mr. Shaw

Sec. 2, T., Th., S. 8:00

Mr. Shaw

43-44. EUROPE SINCE 1830. (3 hrs.)

The political, social, and cultural history of Europe in the last hundred and ten years. The course attempts to give an understanding of present-day civilization through the development of institutions and ideas of the nineteenth and early twentieth centuries.

T., Th., S. 10:00

Mr. Shaw

53. PRESENT-DAY INTERNATIONAL SITUATION. (1 hr.)

A week-to-week following of the great international events and movements of the present year. The course is designed to acquaint the students with contemporary European diplomacy and to arouse habits of reading the best newspapers and magazines. No prerequisites.

M. 10:00

Mr. Shaw

65. GRAECO-ROMAN CIVILIZATION. (3 hrs.)

A study of the development of ancient culture from the fourth century B.C., to the early Middle Ages. A considerable amount of reading from the ancient authors will be expected. Alternates with History 67.

M., W., F. 2:00

Mr. Shaw

66. THE HIGH MIDDLE AGES. (3 hrs.)

A study of the institutions and culture of central Europe from the middle of the eleventh century to 1270. Alternates with History 68.

M., W., F. 2:00

Mr. Shaw

67. THE DAWN OF MODERN CIVILIZATION. (3 hrs.)

The history and culture of Europe from 1270 to 1648. Among the chief topics are the decline of feudalism and the rise of national states, the waning of papal power, the Renaissance, the Reformation, the Wars of Religion. Alternates with History 65. Not offered in 1940-1941.

Mr. Shaw

68. THE OLD REGIME AND REVOLUTION. (3 hrs.)

Europe from 1648 to 1830. The intellectual development of the period of the Enlightenment will be stressed. An attempt will be made to illustrate the psychology of revolutions and dictatorship. Alternates with History 66. Not offered in 1940-1941.

Mr. Shaw

84. SELECTED TOPICS IN EUROPEAN HISTORY. (2 or 3 hrs.)

A reading course for advanced students in history. It is designed to fill in the gaps in their knowledge of European history. The work may be considered as direct preparation for the comprehensive examinations. Prerequisites, twelve semester hours in European history.

Hours to be arranged.

Mr. Shaw

91. SEMINAR IN EUROPEAN HISTORY. (1 or 2 hrs.)

For advanced students majoring in history. Reports will be assigned on special topics and an attempt will be made to coordinate all previous history courses. A reading knowledge of French or German is desired. Independent work with frequent conferences.

Hours to be arranged.

Mr. Shaw

AMERICAN HISTORY

41-42. AMERICAN HISTORY. (3 hrs.)

Political and social history of the American people from colonial settlements to the present.

T., Th., S. 10:00

Mr. Woolery

61. THE REVOLUTIONARY ERA. (3 hrs.)

Transition from colonies to nation, 1763 to 1815. The factors which moulded the American republic. Alternates with History 63. Not offered in 1940-1941.

Mr. Woolery

62. THE MIDDLE PERIOD. (3 hrs.)

The period from 1815 to 1855. The emphasis is on the social and sectional development of the American nation in the ante-bellum decades. Alternates with History 64. Not offered in 1940-1941.

Mr. Woolery

63. NATIONAL TRENDS SINCE 1865. (3 hrs.)

Development of national characteristics in the period of modernization. Economic growth and its consequences, political action, and problems of social welfare. Alternates with History 61.

M., W., F. 2:00

Mr. Woolery

64. INTERNATIONAL RELATIONS OF THE UNITED STATES.

(3 hrs.)

American diplomatic problems, their origins and the development of policies. Present day questions are included. Alternates with History 62.

M., W., F. 2:00

Mr. Woolery

85. MATERIALS AND METHODS OF TEACHING HISTORY.

(2 hrs.)

The aims, methods, and materials of teaching history in secondary schools. Open to upper division students who expect to teach the social studies.

Hours to be arranged.

Mr. Woolery

92. SEMINAR IN AMERICAN HISTORY. (2 hrs.)

A course intended for advanced students majoring in History. Independent study and investigation, coordination of previous history courses, extensive reading and preparation of papers. Of value for comprehensive examination. A reading knowledge of French and German is desirable.

Hours to be arranged.

Mr. Woolery

POLITICAL SCIENCE

11-12. MODERN GOVERNMENTS. (3 hrs.)

The structure and functions of the national government of the United States, followed by a second semester's study of the more important present-day governments in Europe.

T., Th., S. 11:00

Mr. Woolery

57. POLITICAL DYNAMICS. (3 hrs.)

The nature and effects of political ideas, the workings of parties, and the questions of political organizations and function. Alternates with Political Science 79.

M. 11:00; T., Th. 1:00

Mr. Woolery

58. PUBLIC ADMINISTRATION. (3 hrs.)

Concepts and methods in the application of rules of public policy to problems of nation, state and municipality. Alternates with Political Science 80.

M. 11:00; T., Th. 1:00

Mr. Woolery

79. CONSTITUTIONAL LAW. (3 hrs.)

Principles of the constitutional law of the United States as established in decisions of the federal courts. Alternates with Political Science 57. Not offered in 1940-1941.

Mr. Woolery

80. HISTORY OF POLITICAL THEORY. (3 hrs.)

History and analysis of the principal political theories from Plato to the present. Alternates with Political Science 58. Not offered in 1940-1941.

Mr. Woolery

LIBRARY SCIENCE

21-22. LIBRARY SCIENCE. (3 hrs.)

A study of reference work, classification, cataloging, book selection and library economy. Open to freshmen, sophomores and juniors only.

Lecture: 1 hour per week—to be arranged.

Laboratory: 4 hours per week—to be arranged.

Miss Kemp

SECRETARIAL TRAINING

AIMS:

The department is especially (a) for students who want to prepare for office work and general business training; (b) for students who want to prepare for teaching commercial subjects in secondary schools by meeting certificate requirements in this field; and (c) for students who want training in typing or shorthand as a part of a larger educational program.

REQUIREMENT FOR MINOR:

Eighteen hours are required for a minor in this department. These must be arranged in sequence and buttressed by courses in economics and business administration.

11-12. BEGINNING TYPING. (2 hrs.)

Fundamentals of the touch system; study of the mechanical features of the standard typewriters and their care; exercises from copy and dictation; personal- and business-use forms; automatization drills; emphasis on accuracy and speed.

M., W., F. 8:00 and T., Th., S. 10:00

Miss Sparks

13-14. PERSONAL-USE TYPING.

Instruction and practice in typing personal-business letters, manuscripts, notebooks, etc., by the touch system. Emphasis on accuracy and neatness rather than speed. This course is designed for students who are not interested in vocational typing. This course carries no credit but is charged as one semester hour.

M., W., F. 2:00

Miss Sparks

15-16. BEGINNING SHORTHAND. (3 hrs.)

Careful study of the principles of Gregg shorthand with emphasis on accurate outlines; drill on brief forms and phrase writing; timed dictation and transcription. Prerequisite or co-requisite, Secretarial Training 11-12.

M., T., W., F., S. 10:00

Miss Sparks

21-22. ADVANCED TYPING. (1 hr.)

Practice in typing the most commonly used forms of business letters, commercial and legal forms, statistical matter and business documents, as well as practice in manuscript arrangement; stencil cutting and use of carbon paper; dictation to and composition at the typewriter. Students who enter with one or two years of training in typewriting should confer with the instructor before enrollment. Prerequisite, Secretarial Training 11-12, or the passing of a theory and speed test.

T., Th., S. 8:00

Miss Sparks

25-26. TYPING TRANSCRIPTION. (1 hr.)

Development of speed and accuracy in the transcription of shorthand notes and the effective display of such transcription. The aim is transcription at the rate of forty or more words per minute. Corequisite, Secretarial Training 27-28.

T., Th. 9:00

Miss Sparks

27-28. ADVANCED SHORTHAND. (2 hrs.)

Advanced dictation and transcription; speed drills and practice to promote skill and finish in taking and transcribing dictation efficiently. This course is also designed to broaden the student's knowledge of the technical phraseology in the various fields of business. Students who enter with one or two years of shorthand should confer with the instructor. Prerequisite, Secretarial Training 15-16, or the passing of a theory and transcription test. Corequisite, Secretarial Training 25-26.

M., W., F., S. 9:00

Miss Sparks

45. ELEMENTARY ACCOUNTING. (3 hrs.)

See Economics 45.

46. INTERMEDIATE ACCOUNTING. (3 hrs.)

See Economics 46.

49. OFFICE APPLIANCES. (2 hrs.)

Theory and practice in the use of various office appliances including dictaphone, duplicating devices, adding and listing machines, calculators, addressograph and other office appliances. In addition, various systems of filing are taken up in detail with practical classroom work. One lecture, three hours of laboratory each week. Not offered in 1940-1941.

Miss Sparks

50. SECRETARIAL PRACTICE. (3 hrs.)

A practical course covering the duties of a secretary; survey of opportunities in business and professions, office manner and attire, technique of applying for positions, managing callers, care of appointments, technique of telephoning and telegraphing, postal information, preparation of itineraries, editing and proof-reading, etc. Actual experience given in college offices. Prerequisite, or co-requisite, Secretarial Training 27-28.

Lecture: M., W. 2:00

Laboratory: 2 hours to be arranged.

Miss Sparks

52. BUSINESS CORRESPONDENCE. (3 hrs.)

Training in letter writing of common forms of typical business letters. Various types of letters are analyzed, such as letters of application, collection, credit, adjustment, and sales. The preparation of business reports is also considered. It is recommended that students have some training in typewriting. Alternates with Secretarial Training 86.

M., W., F. 1:00

Miss Sparks

65. BUSINESS LAW. (3 hrs.)

See Economics 65.

85. METHODS IN TEACHING JUNIOR BUSINESS TRAINING.

(3 hrs.)

Includes a presentation of the subject matter and methods most suitable for giving instruction in the use of common business services both on a general information and a general vocational basis in junior and senior high schools. Not offered in 1940-1941.

Miss Sparks

86. METHODS IN TEACHING SHORTHAND, TYPEWRITING AND BOOKKEEPING. (3 hrs.)

A critical analysis of objectives, laws of learning, organization of materials, tests, standards of achievement, and methods of teaching. Alternates with Secretarial Training 52. Not offered in 1940-1941.

Miss Sparks

SOCIOLOGY

AIMS:

The curriculum in sociology is designed (a) to give an understanding and appreciation of human relationships, social institutions, social processes, and occupations; (b) to familiarize students with the nature and causes of the social problems which they are most likely to find confronting them in their communities and occupations; (c) to equip the student with fundamental preparation for entering various kinds of social work; and (d) to provide preparation for teaching sociology and for post-graduate or professional study.

REQUIREMENT FOR MINOR:

A minimum of eighteen semester hours is required for a minor in sociology of which twelve hours must be in upper division courses. Biology 11-12, Economics 43-44, and Economics 53 are recommended.

41-42. GENERAL SOCIOLOGY. (3 hrs.)

This course covers the field of Sociology—the science of human relations, the phenomena of human behavior and the influences affecting it—heredity and environment; forms and nature of culture and group life; social institutions, social processes, social change, and social control. Relation of the individual to these matters. Field study trips are a part of the course.

Sec. 1, M., W., F. 1:00

Miss Bibbee

Sec. 2, M. 11:00; T., Th. 1:00

Miss Bibbee

43. HEREDITY AND EUGENICS. (2 hrs.)

See Biology 47.

53. EDUCATIONAL SOCIOLOGY. (2 hrs.)

A study of the needs of society and the educational functions and techniques of social groups and institutions meeting those needs. Of special interest to prospective teachers. Alternates with Sociology 61. Prerequisite, Sociology 41-42. Not offered in 1940-1941.

Miss Bibbee

54. MARRIAGE AND THE FAMILY. (2 hrs.)

The development of marriage and the family; social functions; causes, and effects of recent changes; modern problems and tendencies of marriage and the family; programs and proposed solutions for special difficulties. Alternates with Sociology 62. Open only to upper division students. Not offered in 1940-1941.

Miss Bibbee

55. SOCIAL PSYCHOLOGY. (3 hrs.)

See Psychology 55.

58. COMMUNITY RECREATION. (2 hrs.)

See Physical Education 58.

61. SOCIAL PROBLEMS. (2 hrs.)

A study of the major social problems in society—unemployment, poverty, dependency, delinquency, and crime. The causes of such problems; the study of them as forms of disorganization of personalities, of social institutions, and of communities, as these are influenced by various factors, particularly social change. Field trips are a part of the course. Prerequisite, Sociology 41-42. Alternates with Sociology 53.

W., F. 8:00

Miss Bibbee

62. SOCIAL WORK. (2 hrs.)

Survey of the field of social work; the legal, social and economic background; organization, agencies, scope, functions, and techniques; types of social case work, group social work, and institutional social work. Field trips are a part of the course. Prerequisites, Sociology 41-42 and Sociology 61. Alternates with Sociology 54.

W., F. 8:00

Miss Bibbee

64. SOCIAL SERVICE PRACTICUM. (1 to 4 hrs.)

Student training and experience during the summer months on the staff of an approved social service agency, such as Hiram House in Cleveland. The training includes lectures, conferences, supervision of organized activities, field trips, notebooks, and examination. Only by prior arrangement with the head of the department, can students be given an opportunity to earn credit in this way.

Mr. Crobaugh

73-74. SOCIAL THEORY AND CONTROL. (2 hrs.)

A summing-up study of the various systems, classic and modern, of explaining the social behavior of individuals. The nature of social control, chief control devices, institutional pressures, and disruptive factors. Prerequisites, ten hours in sociology. Not offered in 1940-1941.

Mr. Crobaugh

GROUP IV—SCIENCE AND MATHEMATICS

BIOLOGY

B. R. Weimer, Head of the Department

W. J. Sumpstine, Assistant Professor

AIMS:

The courses are intended (a) to acquaint the student with the living world around him and the fundamental dynamic life processes; (b) to demonstrate scientific methods of approach to problem solution; (c) to cultivate an attitude of inquiry and research; (d) to develop laboratory skill in various types of work in zoology, botany, and related fields; and (e) to train students as teachers of biology and for certain professional work related to this field.

Students who plan to teach or become professional biologists should elect the following sequence of courses: Biology 11-12, 36, 43, 48, 53, 57, 65, 67, 78, 81, 85, and 91 or 92.

Students preparing for work in medicine, dentistry, nursing or as laboratory technicians should elect the following sequence of courses: Biology 11-12, 36, 43, 53, 76, 78, 81, and 91 or 92.

REQUIREMENT FOR MAJOR:

At least twenty-four hours in the department following a sequence of courses approved by the head of the department. A minimum of twelve hours of chemistry, at least six of which are in organic chemistry, is desirable. A minor should be elected in a laboratory science. Either German or French should be selected to meet the language requirements.

REQUIREMENT FOR MINOR:

At least eighteen hours in the department exclusive of Biology 34 and 85.

11-12. GENERAL BIOLOGY. (3 hrs.)

Systematic study of the fundamental structures and life processes of plants and animals, including man, and their important interrelationships together with special lectures and discussions of the most important principles of biology—environment, heredity, variation, and the theory of evolution. Required of all pre-medical students.

Lecture, Conference, Discussion:

Sec. 1, W. F. 1:00

Sec. 2, W., F. 2:00

*Laboratory.**Sec. 1, M. 8:00-10:00**Sec. 2, M. 1:00-3:00**Sec. 3, T. 1:00-3:00*Mr. Weimer, Mr. Sumpstine
and assistants*Sec. 4, Th. 1:00-3:00*

NOTE: Biology 11 will be repeated the second semester.

Conference and Discussion: T., Th. 11:00

Mr. Sumpstine

Laboratory: W. 1:00-3:00

and assistants

34. OUR OUTDOORS. (1 hr.)

A general survey course in the field of man's natural environment from the standpoint of geology and biology. A series of field studies on

- a. Plant life
- b. Animal life with particular reference to
 - 1. Entomology
 - 2. Ornithology
- c. Physical geography
- b. Rocks and minerals
- e. The essentials of camping

The course is planned for those who desire a wider, general knowledge of the outdoors from the aesthetic and avocational viewpoint. Estimated cost of the course to the student exclusive of tuition including trips, food, and minor incidentals: \$5.00 to \$8.00. Not open to freshmen. Enrollment limited to fifteen. Not offered in 1940-1941.

Mr. Weimer
and others

36. COMPARATIVE VERTEBRATE ANATOMY. (3 hrs.)

Study of the comparative anatomy of the representative forms of vertebrates. Laboratory study of the comparative anatomy of the shark, turtle, and cat. Prerequisite, Biology 11-12. Required of all pre-medical students. This course offered in the first semester 1940-1941.

*Conferences, discussion, and laboratory.**T., Th., S. 8:00-10:00*Mr. Weimer
and assistants

43. HEREDITY AND EUGENICS. (2 hrs.)

Modern theories and laws of heredity and their relation to man. Alternates with Biology 85. Not offered in 1940-1941.

Mr. Weimer

48. PLANT ECOLOGY AND LOCAL FLORA. (2 hrs.)

The identification of the common seed plants and ferns by the use of manuals and the study of the relation between plants and their environment. In the spring the work will consist mostly of field trips with occasional laboratory exercises. Prerequisite, Biology 11 or high school biology.

Hours to be arranged.

Mr. Sumpstine

53. BACTERIOLOGY. (3 hrs.)

Morphology and physiology of yeasts and bacteria, principles of laboratory technique, cultural characteristics, and environmental influences on bacterial growth. Special emphasis on the relation of bacteria to domestic and public health problems.

Conferences, discussion, and laboratory.

T., Th., S. 8:00-10:00

Mr. Sumpstine and assistants

54. INDUSTRIAL BACTERIOLOGY. (2 hrs.)

A practical laboratory course with occasional lectures, dealing with water analysis, milk analysis, and general bacteriology of the food industries. This course is open to teachers, industrial workers of the Ohio Valley, and all who are properly prepared and interested.

Conferences, discussion, and laboratory.

T., Th., S. 8:00-10:00

Mr. Sumpstine

57. PLANT MORPHOLOGY. (3 hrs.)

A thorough study of the structural characteristics of various type forms representative of the four great groups of plants with attention to ontogeny and phylogeny. Prerequisite, Biology 11-12. Not offered in 1940-1941.

Mr. Sumpstine

58. PLANT PHYSIOLOGY. (3 hrs.)

A study of the fundamental life processes of plants; growth, irritability, food synthesis, and metabolism. Prerequisite, Biology 11-12. Some knowledge of physics and chemistry is desirable. Not offered in 1940-1941.

Mr. Sumpstine

65. INVERTEBRATE ZOOLOGY. (3 hrs.)

Survey of the invertebrate animals including phylogeny and morphology. A laboratory study of representative forms of invertebrates will be made. Conferences, discussion, and laboratory. Prerequisite, Biology 11-12. Not offered in 1940-1941.

Mr. Weimer

67. PHYSIOLOGY. (3 hrs.)

Structure and functions of the human body and the mechanism of bodily movements, responses, reactions, and various physiological states. Prerequisites, Biology 11-12 and Biology 36. Required of all majors in Physical Education.

M., W., F. 11:00

Mr. Weimer, Dr. Jacob, and assistants

76. HISTOLOGY. (3 hrs.)

Structure of the cell and its modifications into various tissues. Special attention will be paid to the theory and practice of general histological technique. Prerequisite, Biology 11-12 and Biology 36. Alternates with Biology 78. Not offered in 1940-1941.

Mr. Sumpstine

78. VERTEBRATE EMBRYOLOGY. (3 hrs.)

Nature and development of the tissues and organs in vertebrates. Embryos of chick and pig are studied in the laboratory. Prerequisite, Biology 11-12 and Biology 36. Alternates with Biology 76. This course offered in the first semester 1940-1941.

Conferences, discussion, and laboratory.

T., Th., S. 10:00-12:00

Mr. Weimer

81. CONTEMPORARY BIOLOGICAL INVESTIGATIONS AND LITERATURE. (1 hr.)

A survey of the fields of biological investigations and the current literature relating to investigations in those fields. Open only to juniors and seniors. Required of all Biology majors. Prerequisites, Biology 11-12, and Biology 36.

T. 11:00

Mr. Weimer

85. METHODS AND MATERIALS IN TEACHING BIOLOGY.

(2 hrs.)

The aims and methods of teaching biology in the secondary schools. Special attention will be given to general laboratory procedure and technique. Prerequisite, sixteen hours of Biology and junior or senior rank. Alternates with Biology 43.

W., F. 9:00

Mr. Weimer

Mr. Sumpstine

86. MARINE BIOLOGY. (4-6 hrs.)

Credit is given for summer courses taken at the Marine Biological Station at Woods Hole, Massachusetts, or at any other station of similar rank.

91-92. PROBLEMS. (1 or 2 hrs.)

A course in theoretical and advanced morphological biology. The problem may be selected by the student, subject to the approval of the instructor, according to interest and future needs and may be in either:

- a. Advanced comparative anatomy of vertebrate or invertebrate types not previously studied; or
- b. Review of the literature relating to various fields of investigation in biology.
- c. Study of some problem in biological research.

No registration for the course will be permitted without previous conferences with the instructor. Open only to juniors and seniors. Prerequisite, Biology 11-12, 36 and 65, or 36, 78 and superior achievement in these courses.

Conference and Laboratory Hours to be arranged. Mr. Weimer

CHEMISTRY

H. D. Dawson, Head of the Department

W. S. Miller, Assistant Professor

AIMS:

It is the aim of the course (a) to contribute to a student's general culture, his understanding of the nature of the physical world and his understanding of the place of chemistry in industrial and business life; (b) to provide training in the scientific method and logical analysis; and (c) to provide major students with thorough and practical training in chemistry which may be useful in industrial, technical, or educational work.

REQUIREMENT FOR MAJOR:

Twenty-six hours in the department, to include Chemistry 11-12, 25-26, 61-62, 71, 75, and 87-88. The required courses are purposely maintained at a minimum to permit the greatest flexibility. Courses in biology, economics, mathematics, physics, English, and modern languages are recommended as seems best to meet the student's individual needs.

REQUIREMENT FOR MINOR:

Eighteen hours with either sequence I or II as follows:

I. Chemistry 11-12, 25-26, 61-62.

II. Chemistry 11-12, 61-62, 71 and 75.

11-12. GENERAL CHEMISTRY. (3 hrs.)

This is a fundamental course in general chemistry. An introduction to qualitative analysis comprises a part of the work of the second semester

Lecture, Conference, Discussion:—Sec. 1, T., Th., 10:00

Sec. 2, T., Th., 11:00

Laboratory: Sec. 1, T. 1:00-3:00 Mr. Dawson, Mr. Miller
Sec. 2, Th. 1:00-3:00 and assistants

25. QUANTITATIVE ANALYSIS. (3 hrs.)

The study of volumetric and colorimetric analysis. Consideration is given to the theory involved as well as to analytical practice. Prerequisite, Chemistry 11-12.

Lecture: M. 1:00

Laboratory: W., F. 1:00-4:00 Mr. Miller and assistants

26. QUANTITATIVE ANALYSIS. (3 hrs.)

The fundamental course in gravimetric analysis including a brief introduction to electrolytic analysis. Prerequisite, Chemistry 11-12.

Lecture: M. 1:00

Laboratory: W., F. 1:00-4:00 Mr. Miller and assistants

43. ADVANCED INORGANIC CHEMISTRY. (3 hrs.)

This is a continuation course in inorganic chemistry. Prerequisite, Chemistry 11-12. Alternates with Chemistry 81.

Lecture: M., W., F. 9:00

Mr. Miller

45. ADVANCED INORGANIC LABORATORY. (1 hr.)

A laboratory course designed to accompany Chemistry 43. Offered in alternate years.

Laboratory: M. 2:00-5:00

Mr. Miller

51-52. ADVANCED ANALYTICAL CHEMISTRY. (2 hrs.)

Chemistry 51 is a continuation of Chemistry 25-26. Chemistry 52, individual reading assignments, laboratory work, and conferences. Two hours credit given for each unit completed: choice of analysis of (a) water, (b) steel, (c) gas, (d) electrolytic and electrometric, (e) fertilizer, (f) soil, (g) quantitative organic, and (h) other analyses approved by the instructor.

Laboratory: M., W., F. afternoons.

Mr. Miller

58. ADVANCED QUALITATIVE ANALYSIS. (3 hrs.)

A systematic study of the theory and principles of qualitative analysis. Procedures for the analysis of both the common and rarer elements are studied. Prerequisite, Chemistry 11-12. Alternates with Chemistry 82.

Lecture: W., F. 9:00

Laboratory: M. 2:00-5:00

Mr. Miller

61-62. ORGANIC CHEMISTRY. (3 hrs.)

This is an introductory course designed to meet the needs of the student electing chemistry as his major and the student in biological sciences. Prerequisite, Chemistry 11-12.

Lecture: T., Th. 1:00

Laboratory: M. afternoon beginning 1:00 or 2:00. Mr. Dawson

63-64. QUALITATIVE ORGANIC CHEMISTRY. (2 hrs.)

The study of a systematic method of separation, purification, and identification of organic compounds. Prerequisite, Chemistry 61-62. Alternates with Chemistry 65-66.

Hours to be arranged.

Mr. Dawson

65-66. ADVANCED ORGANIC CHEMISTRY. (3 hrs.)

This is a continuation course in organic chemistry. Prerequisite, Chemistry 61-62. Alternates with Chemistry 63-64. Not offered in 1940-1941.

Mr. Dawson

71-72. THEORY OF PHYSICAL CHEMISTRY. (4 hrs.)

This is a fundamental course in physical chemistry. Chemistry 71 is designed to meet the requirement of pre-medical students. Prerequisite or corequisite, Chemistry 61-62, Physics 31-32, and Mathematics 11-12. Chemistry 72 requires Mathematics 31-32 as an additional prerequisite or corequisite. This course must be accompanied by Chemistry 75-76.

Lecture: M., W., F. 10:00; one hour to be arranged. Mr. Dawson

75-76. PHYSICO-CHEMICAL MEASUREMENTS. (1 or 2 hrs.)

Corequisite, Chemistry 71-72.

Laboratory: Open afternoons.

Mr. Dawson

81-82. INDUSTRIAL CHEMISTRY. (3 hrs.)

This is a general survey course dealing with the problems and economic questions involved in chemical manufacturing industries. Inspection trips made to industrial plants during vacation periods are required. Prerequisite, acceptable work in inorganic chemistry; prerequisite or corequisite, Chemistry 61-62. Alternates with Chemistry 43 and Chemistry 58. Not offered in 1940-1941.

Mr. Miller

85. TEACHING OF CHEMISTRY. (2 hrs.)

This is a special methods course which considers the essentials for the effective teaching of high school chemistry and does not count for either major or minor in the department. Offered in alternate years.

Lecture: Hours to be arranged.

Mr. Miller

87-88. CHEMICAL LITERATURE. (1 hr.)

A study of some of the current chemical periodicals. Reading in English, German, and French.

Lecture: Hour to be arranged.

Mr. Miller
Mr. Dawson

91-92. PROBLEMS. (1 or 2 hrs.)

Independent study and investigation in the field of the student's interest. Open only to those of unusual ability and adequate background. Admission by permission of the head of the department.

Hours to be arranged.

Mr. Dawson
Mr. Miller

GEOGRAPHY AND GEOLOGY

33. ECONOMIC GEOGRAPHY. (3 hrs.)

Study of world production and distribution of food supplies, power, resources and raw materials for manufacture, with reference to the natural and economic determining factors. Special consideration is given to these relationships in the United States and the Ohio Valley. Open to freshmen. Alternates with Geography 35. Not offered in 1940-1941.

Mr. Sumpstine.

35. PRINCIPLES OF GEOGRAPHY. (3 hrs.)

A discussion of the general principles of the science including such topics as earth origins and the results of the dynamic geographical agencies tending to change its surface. A study is made of the relation between environment with life with special reference to North America. Practical work in mineralogy, physiography, and stratigraphy is required during the course. Alternates with Geography 33.

M., W., F. 8:00

Mr. Sumpstine

36. HISTORICAL GEOLOGY. (3 hrs.)

The history of the earth as revealed by its strata. Laboratory and field study of the common fossils and local formations. Offered in alternate years.

M., W., F. 8:00

Mr. Sumpstine

MATHEMATICS AND PHYSICS

W. H. Cramblet, Head of the Department

J. S. V. Allen, Assistant Professor

—————, Instructor

AIMS:

The courses in mathematics are designed (a) to give the prospective teacher a thorough understanding and a wide appreciation of the fundamental ideas of elementary mathematics; (b) to contribute to the student majoring in science certain techniques and powers in the application of mathematics; (c) to provide the general student with a knowledge of the mathematical foundations of our civilization; (d) to give the prospective graduate student a firm foundation for later study and research.

The courses in physics are planned (a) to present a survey of the field of physics to the general student; (b) to teach the fundamentals of the science of physics to students who are training themselves for such professions as medicine, optometry, engineering, and the teaching of physics; and (c) to familiarize students expecting to enter graduate school with some of the more advanced material in physics. The laboratory courses are designed to supplement the lecture courses, to show the practical application of theory,

REQUIREMENT FOR MAJOR IN MATHEMATICS:

A minimum of twenty-four hours in mathematics including Mathematics 31-32. The upper division courses should include Mathematics 53-54. Students interested in science and engineering should elect Mathematics 71-72. Students interested in mathematics as a teaching subject should elect Mathematics 55-56. Two courses in the department should be taken in the senior year.

REQUIREMENT FOR MAJOR IN PHYSICS:

A minimum of twenty-four hours in physics is required. Students interested in science and engineering should elect Physics 52. Physics 91-92 and a reading knowledge of German and French are recommended for students expecting to do graduate work. A minor in mathematics or chemistry is strongly recommended. Major students in physics must have approval of Academic Council.

REQUIREMENT FOR MINOR IN MATHEMATICS:

A minimum of eighteen hours in mathematics including Mathematics 31-32 and six hours work in the upper division.

REQUIREMENT FOR MINOR IN PHYSICS:

A minimum of eighteen hours in physics. Mathematics 11-12 and Mathematics 31-32 should be elected.

MATHEMATICS

5. FUNDAMENTALS IN MATHEMATICS. (2 hrs.)

A review of elementary algebra, through quadratics and the principal theorems of plane geometry. Required of all students who plan to enroll in Mathematics 11-12 and who are not fully prepared.

M., W., F. 8:00

Mr. _____

11. MATHEMATICAL ANALYSIS. (3 hrs.)

Logarithms and the slide rule, trigonometric functions, identities and equations, solutions of triangles, and the straight line. Prerequisite, satisfactory standing in mathematics placement test for freshmen.

Sec. 1, M., W., F. 9:00

Mr. _____

Sec. 2, M., W., F. 10:00

Mr. Allen

12. MATHEMATICAL ANALYSIS. (3 hrs.)

Analytic geometry, conic sections, polar coordinates and higher plane curves, arithmetic and geometric progressions and binomial theorem. Prerequisite, Mathematics 11 or three units of high school mathematics, including trigonometry, and high standing in mathematics placement test for freshmen.

Sec. 1, M., W., F. 9:00

Sec. 2, M., W., F. 10:00

Mr. _____

31-32. DIFFERENTIAL AND INTEGRAL CALCULUS. (3 hrs.)

Technique of differentiation and integration with applications, partial differentiation, and an introduction to infinite series. Prerequisites, Mathematics 11-12 or its equivalent.

T., Th., S. 8:00

Mr. Cramblet
Mr. _____

37. MATHEMATICS OF STATISTICS. (3 hrs.)

Mathematical theory of statistics, the theory of probability, experience table and life expectancy, frequency distributions, and time series. Prerequisite, Mathematics 11-12. Not offered in 1940-1941.

Mr. _____

38. MATHEMATICS OF FINANCE AND INVESTMENT. (3 hrs.)

The operation of interest in annuities, amortization of debts, and creation of sinking funds, the valuation of bonds and allied problems. Recommended for students majoring in economics. Prerequisite, Mathematics 11-12. Not offered in 1940-1941.

Mr. _____

53-54. ADVANCED CALCULUS. (3 hrs.)

Real number system, theorem of the mean, power series, partial differentiation and its application to curves and surfaces, the integral, and an introduction to the theorems of Green and Stokes. Prerequisite, Mathematics 31-32. Alternates with Mathematics 71-72.

T., Th., S. 9:00

Mr. _____

55. INTRODUCTION TO HIGHER ALGEBRA. (3 hrs.)

Theory of equations, solution of cubic, quartic, and numerical equations, determinants, matrices, solutions of systems of linear equations, and an introduction to the fundamental concepts of algebra, class, group, field, number, readings and lectures on the history of the topic discussed. Prerequisite, Mathematics 31-32. Alternates with Mathematics 37.

M., W., F. 2:00

Mr. _____

56. INTRODUCTION TO HIGHER GEOMETRY. (3 hrs.)

An introduction to synthetic projective geometry and its principal subgeometries, affine, Euclidean, and non-Euclidean and a comparison of postulates and theorems comprising these geometries. Readings and lectures in the history of the topics discussed. Prerequisite, Mathematics 31-32. Alternates with Mathematics 38.

M., W., F. 2:00

Mr. _____

71-72. DIFFERENTIAL EQUATIONS. (2 hrs.)

Ordinary, total and partial differential equations and their uses in the applied sciences. Prerequisite, Mathematics 31-32. Alternates with Mathematics 53-54. Not offered in 1940-1941.

Mr. _____

81-82. MATHEMATICS SEMINAR. (1 hr.)

Special reports prepared and presented by the student under supervision. The work of the second semester will synthesize the materials and methods of mathematics to form the basis of preparation for the comprehensive examination. Required of all major students in the senior year.

Hours to be arranged.

Mr. _____
and others

86. TEACHING OF MATHEMATICS. (2 hrs.)

A study of the content of courses in elementary mathematics, methods of study and classroom presentation of these subjects. A practical course in preparation for secondary school teaching. Open only to upper division students. Offered in alternate years. Not offered in 1940-1941.

Mr. _____

91-92. PROBLEMS. (1 or 2 hrs.)

Advanced work and independent study. Open to seniors of unusual ability who have completed eighteen hours in the department. A reading knowledge of French and German will be found desirable.

Hours to be arranged.

Mr. Cramblet

PHYSICS

31. GENERAL PHYSICS. (4 hrs.)

An elementary treatment of mechanics, heat and sound. This course together with Physics 32, comprises the fundamental course in physics. Prerequisite, Mathematics 11 or its equivalent.

Lecture: M., W., F. 8:00

Laboratory: Sec. 1, T. 1:00-3:00

Sec. 2, Th. 1:00-3:00

Mr. Allen
and assistants

32. GENERAL PHYSICS. (4 hrs.)

An elementary treatment of magnetism, electricity and light. This is a continuation of Physics 31. Prerequisite, Mathematics 11 or its equivalent and Physics 31.

Lecture: M., W., F. 8:00

Laboratory: Sec. 1, T. 1:00-3:00

Sec. 2, Th. 1:00-3:00

Mr. Allen
and assistants

52. MECHANICS. (3 hrs.)

A fundamental course in physics, including a treatment of classical mechanics with application of principles; and a brief consideration of wave mechanics. Not offered in 1940-1941.

Mr. Allen

53. ADVANCED LIGHT AND PHYSICAL OPTICS. (3 hrs.)

Theories of light, reflection, refraction, interference, diffraction, polarization, geometrical optics, optical instruments, vision, spectroscopy, and Maxwell's equations. Prerequisite, Physics 31-32 and Mathematics 31-32. Not offered in 1940-1941.

Mr. Allen

55-56. LABORATORY IN ADVANCED PHYSICS. (1 hr.)

Supplementary to Physics 53 and Physics 63. The student should consult the instructor in charge before registering in the course.

Hours to be arranged.

Mr. Allen

63. ELECTRICITY AND MAGNETISM. (3 hrs.)

An advanced treatment of electrostatics and magnetics, electrochemistry, circuit theory, electrical machinery, and electronics. This course is a consideration of the theoretical and practical application of electricity and magnetism. Prerequisite, Physics 31-32 and Mathematics 31-32.

Lecture: T., Th. 11:00

Laboratory: Hours to be arranged.

Mr. Allen

64. HEAT. (3 hrs.)

An advanced study of temperature, quantity of heat, calorimetry, expansion, conductivity, change of state, and radiation. Some consideration will be given to thermodynamics and kinetic theory. Prerequisite, Physics 31-32 and Mathematics 31-32. Not offered in 1940-1941.

Mr. Allen

67-68. SPECTROSCOPIC ANALYSIS. (1 hr.)

A laboratory course employing the E-1 Hilger spectograph and auxiliary equipment for analytical work. Analysis of steels is stressed in cooperation with a nearby steel company. Admission by permission of the instructor.

Hours to be arranged.

Mr. Allen

85. TEACHING OF PHYSICS. (2 hrs.)

Methods and practice in classroom presentation and laboratory supervision. Collateral readings and reports on the history of physical science. Required of all students expecting to teach physics.

Hours to be arranged.

Mr. Allen

91-92. PROBLEMS. (1 or 2 hrs.)

Readings, experiments, and investigations in the field of the student's interest. Open to seniors of superior ability and accomplishment who are majoring or minoring in the department.

Hours to be arranged.

Mr. Allen

GROUP V—RELIGION AND FINE ARTS

BIBLICAL LITERATURE

Osborne Booth, Head of the Department

I. T. Green, Professor

AIMS:

The general purposes of the courses offered are (a) to acquaint the student majoring in other departments with the English Bible; (b) to give a more complete knowledge of the content of the English Bible and other religious subjects to students planning upon graduate study for the Christian ministry; and (c) to supplement this knowledge of the Bible with enough professional courses to enable the student to serve as a Christian minister or religious leader until such a time as graduate study may be possible for him.

REQUIREMENT FOR MAJOR:

Twenty-four hours, which must include eighteen hours of upper-division work.

REQUIREMENT FOR MINOR:

Eighteen hours, which must include twelve hours of upper-division work.

REQUIREMENT FOR GRADUATION:

Any of the following courses may be taken without prerequisite to meet the requirement in Biblical Literature: Old Testament 11 or 12 and New Testament 11 or 12, Old Testament 33-34, or 55-56, or 75-76, New Testament 31-32. The courses open to freshmen are Old Testament 11 or 12, Old Testament 33-34, Old Testament 57-58, New Testament 11 or 12, and New Testament 31-32.

OLD TESTAMENT

11. OLD TESTAMENT HISTORY. (3 hrs.)

A survey of the history of the Hebrew people from the exodus to the time of the Maccabees. This course should be supplemented by New Testament 11 or 12. To satisfy graduation requirements, either Old or New Testament may be taken the first semester, the other course the following semester. Students above the sophomore year should select more advanced courses in Biblical Literature. Freshmen intending to prepare for the ministry, should take Old Testament 33-34 the first year.

T., Th., S. 8:00

Mr. Booth

12. OLD TESTAMENT HISTORY. (3 hrs.)

The same course as Old Testament 11, offered in the second semester.

T., Th., S. 9:00

Mr. Booth

33-34. OLD TESTAMENT SURVEY. (3 hrs.)

A survey course covering the Old Testament. May be used to satisfy graduation requirements in Bible. Credit will not be given for work in both Old Testament 11 or 12 and Old Testament 33-34. Old Testament 33 is prerequisite for Old Testament 34.

M., W., F. 8:00

Mr. Booth

55-56. THE PROPHETS. (3 hrs.)

The origin and development of prophecy among the Hebrews. Special attention will be given to the relation between the background of each prophet and his message. May be used to satisfy graduation requirements in Bible. Not offered in 1940-1941.

Mr. Booth

57-58. COMPARATIVE RELIGION. (3 hrs.)

A comparison of the most important features of the great occidental religions of antiquity, including religions of primitives, Egypt, Babylonia, Assyria, Persia, Greece, Rome, Judaism and Christianity.

T., Th., S. 11:00

Mr. Booth

75-76. THE BIBLE AS LITERATURE. (3 hrs.)

A study of the various types of literature found in the Bible, including a comparison with similar forms in the great secular literature of the world. May be used to satisfy graduation requirements in Bible.

M., W., F. 9:00

Mr. Booth

91-92. OLD TESTAMENT PROBLEMS. (2 hrs.)

An investigation of various problems in Old Testament history, literature, and religion. Prerequisite, Old Testament 11 or 12, 33-34, or 55-56.

Hours to be arranged.

Mr. Booth

NEW TESTAMENT

11. NEW TESTAMENT HISTORY. (3 hrs.)

A study of the life and messages of Jesus, the origin of the Christian church, and the work of Paul. This course should be supplemented by Old Testament 11 or 12. Either Old or New Testament may be taken the first semester, the other course the following semester. Students above the sophomore year should select more advanced courses in biblical literature. Freshmen preparing for the ministry should take Old Testament 33-34.

T., Th., S. 9:00

Mr. Green

12. NEW TESTAMENT HISTORY. (3 hrs.)

The same course as New Testament 11, offered in the second semester.

T., Th., S. 8:00

Mr. Green

31-32. NEW TESTAMENT SURVEY. (3 hrs.)

A survey course covering the entire New Testament. May be used to satisfy graduation requirements in Bible. Not offered in 1940-1941.

Mr. Green

67-68. THE BACKGROUND OF THE NEW TESTAMENT.

(3 hrs.)

The social, religious, economic, and political life of the Jews and of the Graeco-Roman world will be studied and evaluated in this course. Not offered in 1940-1941.

Mr. Green

79. THE TEACHING OF JESUS. (3 hrs.)

A careful study will be made of the teachings of Jesus and an attempt will be made to relate it to the movements of the time. Both Jewish and Greek backgrounds will be considered. Not offered in 1940-1941.

Mr. Green

80. THE TEACHING OF PAUL. (3 hrs.)

The fundamental doctrines of the "Epistles" will be studied. The student will be familiarized with the thought that lies behind these writings. Not offered in 1940-1941.

Mr. Green

81-82. NEW TESTAMENT GREEK. (3 hrs.)

See Greek 81-82.

83-84. BIBLICAL DOCTRINE. (3 hrs.)

An investigation of the various doctrines of the New Testament. These doctrines will be studied in the light both of the New Testament and of Christian thinking. Prerequisite, New Testament 11 or 12, or 31-32, or 79-80.

M., W., F. 1:00

Mr. Green

91-92. NEW TESTAMENT PROBLEMS. (2 hrs.)

An investigation of various problems in the New Testament field. Students will select the problems of interest to them and will be guided in their solution.

Hours to be arranged.

Mr. Green

CHURCH HISTORY

71. THE ANCIENT CHURCH. (3 hrs.)

A survey of church history from the beginning to the reign of Charlemagne. May be used toward a major in biblical literature. Not offered in 1940-1941.

Mr. Green

72. THE REFORMATION. (3 hrs.)

A survey of church history from Charlemagne to the close of the Reformation. May be used toward major in biblical literature. Not offered in 1940-1941.

Mr. Green

81-82. HISTORY AND LITERATURE OF THE DISCIPLES.

(3 hrs.)

A survey of the rise and development of the Restoration Movement. The literature of the movement will also be studied and evaluated.

T., Th., S. 10:00

Mr. Green

RELIGIOUS EDUCATION AND HOMILETICS

53. PRINCIPLES OF RELIGIOUS EDUCATION. (3 hrs.)

Historical survey; relation of religion to secular education; fundamental task of the religious educator; recreation adapted to various ages, and supervision; organization of church, vacation, week-day and community schools; a practical organization for young people. Not offered in 1940-1941.

Mr. Green

54. PRACTICE OF RELIGIOUS EDUCATION. (3 hrs.)

The learning process; class method and management; educational evangelism; worship; training the devotional life; expressional activities; project method; evaluation and selection of curricula; Bible material. Not offered in 1940-1941.

Mr. Green

61-62. THE THEORY OF PREACHING. (3 hrs.)

Problems connected with the preparation and delivery of sermons are carefully studied. Sermons will be preached and criticized. Alternates with Homiletics 63-64. Not offered in 1940-1941.

Mr. Green

63-64. THE WORK OF THE PASTOR. (3 hrs.)

Organization of the forces on the local field. Finances, evangelism, worship and social services will be stressed. A thoroughly practical course. Alternates with Homiletics 61-62.

M., W., F. 2:00

Mr. Green

MUSIC

Rush Carter, Head of the Department

———, Instructor

AIMS:

The Department aims (a) to provide opportunity for students to develop an understanding and appreciation of music as a part of a general education; (b) to provide a well-balanced and complete four-year course for students who major in music for the purpose of becoming professional performers or private teachers; and (c) to provide a course for students who desire to become supervisors and teachers of music in public schools.

REQUIREMENTS FOR MAJOR:

At least twenty-four hours in the department, including eighteen upper division hours, with their prerequisite courses or equivalents. The major may be earned in (1) theory of music or (2) materials and methods, looking toward music supervision or teaching of music in the schools.

REQUIREMENTS FOR MINOR:

At least eighteen hours in the department.

LITERATURE AND THEORY OF MUSIC

11-12. EAR TRAINING AND SIGHT SINGING. (3 hrs.)

A study of tonal relationships, simple rhythms, melodies in both major and minor modes, simple melodic forms and harmonic progressions.

M., T., W., Th., F. 9:00

Mr. _____

31-32. MUSIC APPRECIATION. (3 hrs.)

A study of the aesthetic significance of the main periods and types of music, leading to an intelligent appreciation and enjoyment of the world's great music. A general course requiring no technical preparation.

M., W., F. 3:00

Mr. Carter

35. HARMONY I. (3 hrs.)

A study of all primary and secondary harmonies used in four-part writing and the use of tonic and dominant chords in four-part harmony, with all by-tones. Each student must have access to piano at least three hours each week.

M., W., F. 2:00

Mr. Carter

36. HARMONY II. (3 hrs.)

A study of all primary and secondary harmonies used in four-part writing and as simple accompaniment; the beginning of modulation. Each student must have access to piano at least three hours each week. Prerequisite, Music 35 or equivalent.

M., W., F. 2:00

Mr. Carter

51-52. MUSIC HISTORY. (2 hrs.)

A study of the historical significance of the main periods and types of music. A technical course primarily for those looking toward a major or minor in music, or for those with sufficient musical backgrounds. Alternates with Music 85-86. Not offered in 1940-1941.

Mr. Carter

55. HARMONY III. (3 hrs.)

A study of chromatic harmony, the twelve-tone and six-tone scales, and advanced modulation. Prerequisite, Music 35-36 or equivalent.

M. 11:00; T., Th. 1:00

Mr. Carter

56. FORM AND ANALYSIS. (3 hrs.)

A study of the structural designs upon which music is based. Representative works of the masters of music composition of the classic, romantic, and modern periods are studied and analyzed. Prerequisite, Music 55 or equivalent.

M. 11:00; *T., Th.* 1:00

Mr. Carter

61-62. ADVANCED EAR TRAINING AND SIGHT SINGING.

(2 hrs)

An advanced study of tonal relationships, including chromatics, syncopated and difficult rhythms; the development of the ability to hear and recognize harmonic progression, including the simple modulations. Prerequisite, Music 11-12, 35-36, or equivalents.

T., Th., S. 10:00

Mr. _____

75. COUNTERPOINT. (3 hrs.)

A study of the principles of contrapuntal harmonization in two-three and four parts, and the practical application of counterpoint in the form of invention. Prerequisite, Music 55.

M., W., F. 8:00

Mr. _____

76. ORCHESTRATION. (3 hrs.)

A study of the beginning principles of instrumentation and orchestration including a thorough understanding of transposing instruments, and the problems of writing for such groups of instruments as are most commonly found in the average school and community orchestra. Prerequisite, Music 55.

M., W., F. 8:00

Mr. _____

83-84. MATERIALS AND METHODS OF INSTRUMENTAL MUSIC.

(3 hrs.)

A study of the principles and problems of organizing and directing orchestras and bands, and the gaining of a knowledge of materials available.

T., Th. 2:00

Mr. _____

85-86. MATERIALS AND METHODS OF INSTRUMENTAL MUSIC.

(3 hrs.)

A study of principles, problems and materials for teaching music (a) in the grades, (b) in junior and senior high schools.

T., Th., S. 8:00

Mr Carter

87-88. CONDUCTING. (2 hrs.)

A study of the technique of the baton and the different problems to be met in conducting chorus, orchestra and band; the introduction to score reading; and an

opportunity for practical experience through the conducting of the college choral and instrumental groups. Open only to upper division students. Not offered in 1940-1941.

Mr. Carter

91-92. PROBLEMS. (1 or 2 hrs.)

An advanced course for major or minor students of music, which may include methods of piano instruction, composition, or other problems to prepare the individual for his particular field of interest. Individual instruction and study.

Hours to be arranged.

Mr. Carter

APPLIED MUSIC

15c-16c. CHOIR. (1 hr.)

A study of choral literature and rendition of cantata, oratorios, and selected short numbers of recognized merit. Open for credit only to students above the freshman year who are properly qualified and accepted by the director. This course may be repeated for full credit. Prerequisite, Music 11-12 or Music 35-36.

Th. 7:00 P. M.

Mr. Carter

15o-16o. ORCHESTRA. (1 hr.)

Orchestral instruments in their various combinations, study and rendition of concert repertory. Open for credit only to students above the freshman year who are properly qualified and accepted by the director. This course may be repeated for full credit. Prerequisites, Music 11-12 or 35-36.

W., 4:00 P. M.

Mr. _____

15b-16b. BAND. (1 hr.)

Study and performance of standard band repertoire. Open for credit only to students above the freshman year who are properly qualified and accepted by the director. This course may be repeated for full credit. Prerequisites, Music 11-12 or 35-36.

M. 7:00 P. M.

Mr. _____

21p-22p. PIANO. (1 hr.)

Technique, theory, and literature of the piano. Open to students who have some performing ability on the piano. Private lessons.

Mr. _____

21o-22o. ORGAN. (1 hr.)

Technique, theory, and literature of the organ. Open to students who have had some training in either piano or organ. Private lessons.

Mr. Carter

21v-22v. VOICE. (1 hr.)

Vocal technique, theory, and literature. Open to all students of adequate native ability, with or without previous vocal training. Private lessons.

Mr. Carter

VIOLIN

Students wishing to study violin may make arrangements with the Head of the Department for securing credit for private lessons with a special instructor on the basis of one hour of credit for 16 one-half hour private lessons, when accompanied by at least two semester hours in music theory. Prerequisite, ability and training satisfactory to the instructor.

23-24. WIND INSTRUMENT CLASS. (1 hr.)

A practical course in playing of woodwind, brass and percussion instruments. Elementary technique and use in ensemble playing. The class meets two hours each week.

Hours to be arranged.

Mr. _____

25-26. STRING INSTRUMENT CLASS. (1 hr.)

A practical course in the playing of violin, viola, violoncello, and bass. Elementary technique and use in ensemble playing. The class meets two hours each week.

Hours to be arranged.

Mr. _____

NOTE: Only twelve semester hours of academic work in Applied Music can be applied toward meeting the minimum requirements for the baccalaureate degree.

ART APPRECIATION**31-32. INTRODUCTION TO ART. (2 hrs.)**

Development and character of the architecture, sculpture and painting of Egypt, Greece, Rome, and the Middle Age in relation to the civilization of which they are a permanent expression. The second semester is devoted to a study of painting and sculpture in Europe and America from the Renaissance to modern times. Not offered in 1940-1941.

Miss Mahaffey

33-34. PAINTING. (2 hrs.)

Study work of Giotto, DaVinci, Raphael, Michelangelo, and other Italian Masters of the Sixteenth Century. The German, Flemish, Dutch, and Spanish painters of this period will receive consideration, and the Baroque period will be represented by the work of Rubens, Rembrandt and El Greco. In the second semester there will be a survey of painting from the Nineteenth Century to the present time.

T., Th. 2:00

Miss Mahaffey

Students electing courses in Art Appreciation will be expected to take occasional class trips to Pittsburgh for visiting exhibitions.

DEGREES IN COURSE

Conferred on June 3, 1939

BACHELOR OF ARTS

SUMMA CUM LAUDE

Irene McCrory

MAGNA CUM LAUDE

James Steele

CUM LAUDE

John Erskine

Theodore Johnson

Norma McAdams

Scott Perry

Ethel Schafitz

RITE

Betty Alderman

Eleanor Baker

Ralph Burger

Read Chalfant

Jane Cluss

Thomas Cramblet

Gerald Croushore

Joseph Dornan

Francis Flanagan

Virginia Forsythe

Mildred Fowler

June Galley

Alexandre Grall

Margaret Heckel

Betty Hough

Dorothy Johnson

Ruth Knowles

James Lancaster

Lillian Mallory

Garth Maynard

Elizabeth Mullen

Leo Mullman

Janet Murray

Raymond McAllister

John McGinty

Jean McKenna

Donald Nee

Andrew Noland

Lynn Pugh

Clarence Sloss

Bessie Southard

Edward Sparks

Robert Spray

Robert Taylor

Clifford Thomas

Virginia Tidwell

Jean Vetter

Elizabeth Werner

Victor Wicks

Delle Williams

Charles Williamson

BACHELOR OF SCIENCE

CUM LAUDE

Robert Berger

Bertha Weaver

RITE

Kenneth Crawford

Robert Morrow

Hildreth Elwell

Richard Porter

Vivian Gilbert

Thomas Rogers

Miriam Grimm

Charles Shank

Karl Haller

George Vaupel

William Hettler

HONORARY DEGREES

Conferred on June 3, 1939

DOCTOR OF DIVINITY

Mr. H. Newton Miller, Bethany, West Virginia

DOCTOR OF LAWS

Mr. Herbert Fitzpatrick, Huntington, West Virginia

Mr. Richard Harte, Parkersburg, West Virginia

DOCTOR OF LITERATURE

Mr. Edwin R. Errett, Cincinnati, Ohio

Mr. E. Lee Perry, Bethany, West Virginia

SENIORS PASSING COMPREHENSIVE EXAMINATION WITH DISTINCTION 1938-1939

Irene McCrory	Music
Bertha Weaver	Mathematics
Delle Williams	Journalism

ROSTER OF STUDENTS

1939-1940

SENIORS—CLASS OF 1940

Allen, Kathryn	Hopedale, Ohio
Barnhart, Wildan	Bethany, W. Va.
Bissell, Dorothy	1612 Versailles Ave., McKeesport, Pa.
Blistan, Orella	15 Fifth Ave., Scottdale, Pa.
Bryan, Jane	914 Morton St., New Castle, Pa.
Butchko, Caroline	797 McClure Ave., Sharon, Pa.
Caldabaugh, Nancy	113 East Seventh St., Glen Dale, W. Va.
Callendine, William	20 N. Front St., Wheeling, W. Va.
Cormany, Charles	29 E. Hiram St., Barberton, Ohio
Costello, John	331 Main St., Belle Vernon, Pa.
Coughanour, Warren	88 Bailey Ave., Uniontown, Pa.
Daub, James	5535 Wellesley Ave., Pittsburgh, Pa.
Deafenbaugh, Paul	3217 Guernsey St., Bellaire, Ohio
Emerick, Donald	R. D. 6, Washington, Pa.
Euwer, Peggy	1802 Morrell St., Pittsburgh, Pa.
Fultz, Darrell	17 Highland Ave., Wellsville, Ohio
Funk, Joseph	Bethany, W. Va.
Gasser, Ruth	817 Franklin Ave., Wilkinsburg, Pa.
Gibson, Sherman	Bethany, W. Va.
Gordon, Donald	2629 Beverly Ave., Canton, Ohio
Gray, Eleanor	15 W. Third St., Oil City, Pa.
Hare, Hester Ann	West Alexander, Pa.
Hayes, Mary Ellen	Quaker City, Ohio
Hays, Lulu Mae	Star Route, Utica, Ohio
Henkel, Lillian	324 Clairton Road, Pittsburgh, Pa.
Herbert, Victor	940 Franklin Ave., Wellsburg, W. Va.
Hetzel, Harry	116 Gallatin, Ave., Connellsville, Pa.
Holland, Ivan	4 Springer Ave., Uniontown, Pa.
Honenberger, E. J.	563 Fifth St., Butler, Pa.
Keim, Margaret	3006 Maple Ave., Altoona, Pa.
Kiel, William	Glenwood Road, Wheeling, W. Va.
Lowe, Marie	322 Stambaugh Ave., Sharon, Pa.
Martin, Robert	2003 Warwood Ave., Wheeling, W. Va.
Miller, Gladys	R. D. 4, McDonald, Pa.
Moore, Raymond	809 Kenmore Blvd., Akron, Ohio
Murray, Barbara	307 Overdale Road, Forest Hills, Pittsburgh, Pa.
Murray, William	R. D. 4, New Cumberland, W. Va.
McDonough, Aureline	1401 Meadow St., McKeesport, Pa.
Neumeister, Evelyn	345 Washington Blvd., Orrville, Ohio
Peters, Anna Mae	405 W. Hutchison Ave., Edgewood, Pa.
Petroff, George	111 Hogsett, St., Uniontown, Pa.

Pilchard, Adabelle	Bethany, W. Va.
Porter, Jane	Box 765, East Liverpool, Ohio
Porter, William	Box 765 East Liverpool, Ohio
Ramsey, Goff	Walton, W. Va.
Regier, Donald	West Liberty, W. Va.
Richardson, Virginia	1425 Kelton Ave., Dormont, Pa.
Ritter, Dorothy	R. D. 4, Elm Grove, W. Va.
Roberts, Marilyn	Bethany, W. Va.
Rosser, Ruth	Bethany, W. Va.
South, Mary Jane	822 Fayette Title and Trust Bldg., Uniontown, Pa.
Stewart, Gertrude Mae	3564 Brighton Rd., Pittsburgh, Pa.
Thiele, Doris	558 Northampton St., Buffalo, N. Y.
Underwood, Kenneth	Bethany, W. Va.
Waldon, George	1824 Norwood Ave., Independence, Mo.
Wright, Alfred	22 N. Mt. Vernon Ave., Uniontown, Pa.
Wylie, Josephine	915 Hill Ave., Pittsburgh, Pa.
Zbiec, Laura	320 Thompson St., Latrobe, Pa.

JUNIORS—CLASS OF 1941

Abrams, Pearl Sandra	385 Osborne Terrace, Newark, N. J.
Allen, Jean	608 Greendale Ave., Edgewood, Pa.
Ashley, William	1702 Darst St., Charleston, W. Va.
Bernard, Samuel	54 Pleasant Drive, Wheeling, W. Va.
Caliguiri, Joseph	710 Broadway, McKees Rocks, Pa.
Cullison, Thomas	2336 Birtley Ave., Pittsburgh, Pa.
Cutlip, Randall	1818 Ewing Ave., Charlotte, N. C.
Decker, Bert	227 Colburn Ave., Clarks Summit, Pa.
Fair, Norman	West Middlesex, Pa.
Gettys, Louise	310 South St., Johnstown, Pa.
Geyer, Marguerite	17 West Hazeltine Ave., Kenmore, N. Y.
Grim, Thomas	1 Ravine Ave., Wheeling, W. Va.
Halter, Mary Jane	2110 Warwood Ave., Wheeling, W. Va.
Harman, Ann	Tazewell, Virginia
Hooker, Helen	215 First Ave., Tarentum, Pa.
Jackson, Dorothy	119 Carolina Ave., Chester, W. Va.
Jackson, Richard	Flushing, Ohio
Jolliffe, Betty Jane	375 Burton Ave., Washington, Pa.
Kaler, Scott	13 Sharon, St., Shelby, Ohio
Laird, William	75 S. Main St., Wilkes-Barre, Pa.
Leitch, Katherine	Bethany, W. Va.
Lohr, Jay	224 Everson Ave., Scottdale, Pa.
Mayne, Lyle	488 Sharon Road, Beaver, Pa.
Parker, Milton	26 Thompson Ave., Glens Falls, N. Y.
Raub, Lester	229 Northview Ave., New Castle, Pa.
Rosensteele, Don	100 Euclid Ave., Dravosburg, Pa.

Rutter, William	159 W. State St., Sharon, Pa.
Ryan, James W.	1212 Lake Ave., Elyria, Ohio
Schuller, Betty	251 Ames St., Pittsburgh, Pa.
Short, Jean	411 Wallace Ave., New Castle, Pa.
Simmons, Raymond	1812 Metropolitan St., Pittsburgh, Pa.
Smith, Catherine	4044 Washington Blvd., Indianapolis, Ind.
Stoner, James	208 Ontario St., Point Marion, Pa.
Strain, Myfanwy	R. D. 3, Wellsburg, W. Va.
Taylor, Harold	210 Searight Ave., Uniontown, Pa.
Wells, Richard	Bethany, W. Va.
Wells, William	Bethany, W. Va.
White, Joseph	Hopwood, Pa.
Whitlock, Norris	281 Saranac Ave., Buffalo, N. Y.
Wilt, Marjorie	74 Amherst, Ave., West View, Pa.
Winfield, Dorothy	283 Starin Ave., Buffalo, N. Y.
Wolfe, Darrell	5637 Alice St., Hammond, Ind.
Wood, Virginia	48 W. Oakwood Place, Buffalo, N. Y.

SOPHOMORES—CLASS OF 1942

Achterman, Eleanor	216 N. Ninth St., Stroudsburg, Pa.
Archer, Sue Beth	924 Timberland Ave., Pittsburgh, Pa.
Armor, Gladys	617 E. Sixth Ave., Tarentum, Pa.
Balch, Phyllis	Box 547, Follansbee, W. Va.
Barnhart, Delivan	Bethany, W. Va.
Belluardo, Frank	382 Walker St., Fairview, N. J.
Blank, Harold	1547 Bryson St., Youngstown, Ohio
Borden, Gwendolyn	305 E. Burgess St., Mt. Vernon, Ohio
Bowers, Paul	Route 1, Wellsburg, W. Va.
Braem, Ruth	Sag Harbor, Long Island, N. Y.
Burdue, Wayne	R. D. 3, Elyria, Ohio
Byers, Edgar	Hurst Apts., Scottdale, Pa.
Cain, Alvin	3323 West St., Hollidays Cove, W. Va.
Carr, Max	117 Cornelia St., Hicksville, Ohio
Carroll, Gordon	1119 Sixth St., Beaver, Pa.
Charnock, Irvin	101-24th St., Wellsburg, W. Va.
Cleary, Rita	508 Daniel St., Toronto, Ohio
Clovis, Martha	33 Walnut St., Wheeling, W. Va.
Cluss, Helen	15 Eggleston, St., Uniontown, Pa.
Cook, Robert	114 Zane St., Wheeling, W. Va.
Corcoran, Jane	1249 Wellesley Ave., Steubenville, Ohio
Costanza, John	311 Central Ave., Oil City, Pa.
Cramblet, Wilbur	Bethany, W. Va.
Davis, Bond	32 E. Plain St., Carnegie, Pa.
Davis, George	703 S. Oakland Ave., Sharon, Pa.
Dice, Margaret	235 Main St., Ligonier, Pa.

Dick, Raymond	720 38th St., Bellaire, Ohio
Douglas, Dorothy	770 Lebanon Ave., Mt. Lebanon, Pa.
Dowler, Alan	142 N. 18th St., Warwood, W. Va.
Dvorak, Frances	314 South Harvey Ave., Oak Park, Ill.
Dye, Richard	843 Commerce St., Wellsburg, W. Va.
Edmunds, Jane	1486 Greenmont Ave., Dormont, Pa.
Elliston, Roberta	103 E. 7th St., Oil City, Pa.
Elsasser, Edward	400 E. 59th St., New York, N. Y.
Erskine, Mildred	128 N. Uhrich St., Uhrichsville, Ohio
Evans, Janice	615 Gormley Ave., Carnegie, Pa.
Fiess, June	New Martinsville, W. Va.
Finney, Marjorie	415 Clairtonice St., Pittsburgh, Pa.
Forsythe, Madeline	Forsythe Road, Carnegie Pa.
Francis, Grace	Claysville, Pa.
Girton, Jean	R. D. 2, Millville, Pa.
Golden, Edward	2201 Richland, Ave., Wheeling, W. Va.
Gordon, Chester	481 Reno St., Rochester, Pa.
Griffiths, William	1325 Boyce Ave., Wellsville, Ohio
Hafer, Robert	Koontz, Apt., Bedford, Pa.
Halter, Ruth	2110 Warwood Ave., Wheeling, W. Va.
Harbison, Phyllis	Lewin Lane, Wilkinsburg, Pa.
Hare, Mary Jane	West Alexander, Pa.
Hart, Charles	Third St., Shelby, Ohio
Henderson, Ralph	Jewett, Ohio
Henkel, Grace	324 Clairton Road, Pittsburgh, Pa.
Hennessy, William	Central Romona, La Romona, Dominican Republic
Henry, Robb	Galley St., Dawson, Pa.
Hicks, Helen	109 Key Ave., Elm Grove, W. Va.
Hoffman, Roy	2104 Cleveland St., McKeesport, Pa.
Hunger, Joseph	Point Marion, Pa.
Huntsberger, James	114 Cedar Blvd., Mt. Lebanon, Pa.
Johnson, Peter	505 W. 143rd St., New York, N. Y.
Jones, Thomas	139 South Hyde Park Ave., Scranton, Pa.
Keropian, Beatrice	713 Iranistan Ave., Bridgeport, Conn.
Kuhns, Walter	R. F. D. 4, Uniontown, Pa.
Laubersheimer, Edward	1224 East 27th St., Brooklyn, N. Y.
Machamer, Edward	332 Vine St., Johnstown, Pa.
Major, Bertram	1432 Hildreth Ave., Wheeling, W. Va.
Mayer, Wallace	235 National Road, Wheeling, W. Va.
Miller, Marjorie	Box 95, South Connellsville, Pa.
Montagna, Hermes	128 Lincoln St., Uniontown, Pa.
Moore, Betty Lois	366 Burton Ave., Washington, Pa.
Morrill, John	6 Lake Ave., Glens Falls, N. Y.
Morris, Norval	341 Carolina Ave., Chester, W. Va.
Moser, Ruth	Smithfield, Pa.
Murphy, Betty	6365 Monitor St., Pittsburgh, Pa.

McCord, John	R. D. 2, Wellsburg, W. Va.
Neumann, William	141 N. 21st St., Warwood, W. Va.
Newman, Lewis	610 Cove Road, Hollidays Cove, W. Va.
Nicholas, Florence	201 Terrace Ave., Washington, Pa.
Owen, Martha	Augusta, Ohio
Pendleton, Lily	55 Oleander St., W. Springfield, Mass.
Potts, Glenna Mae	982 Central Ave., Bellaire, Ohio
Prosser, Harry	419 Roger Ave., North Tonawanda, N. Y.
Pryor, Ralph	116 N. 16th St., Wheeling, W. Va.
Ratcliffe, Morrison	34 Second St., Beech Bottom, W. Va.
Reiter, Martin	709 Center St., Tarentum, Pa.
Reuter, Helen	St. Clair Ave., East Liverpool, Ohio
Reynolds, Dorothy	221 Grant Ave., Moundsville, W. Va.
Roberts, Rosemary	303 N. Thompson St., Richmond, Va.
Roche, Irvan	439 Marietta St., Mt. Lebanon, Pa.
Rodefer, David	102 N. Porter St., Waynesburg, Pa.
Rowlands, William	Main St., Scio, Ohio
Sarver, Hilda	155 Maple St., Mercer, Pa.
Schliff, Leon	72 Melbourne Terrace, Waterbury, Conn.
Schott, Jeanne	Ben Avon Heights, Pittsburgh, Pa.
Schwartz, Ruth	815 Norwich Ave., Pittsburgh, Pa.
Seidel, Gordon	First Ave., Arbutus, Md.
Sheets, Arthur	700 Howard St., Brownsville, Pa.
Showman, Robert	519 N. Prospect St., Connellsville, Pa.
Siemon, William	147 Scout Ave., Pittsburgh, Pa.
Simeral, John	844 Highland, Ave., Coraopolis, Pa.
Skilton, Phyllis	Strong Terrace, Winsted, Conn.
Smith, Flora Jane	1701 Main St., Wellsburg, W. Va.
Sowers, Dale	718 Uhrich St., Uhrichsville, Ohio
Spears, Nancy Jane	65 Kensington St., Uniontown, Pa.
Sprouse, Eleanor	208 Grant St., Newell, W. Va.
Stein, Margaret	156 Kruger St., Elm Grove, W. Va.
Steiner, Ida Ruth	59 Danvers Ave., Ingram, Pa.
Stockdale, William	712 Woodland Ave., Punxsutawney, Pa.
Stophel, William	1149 Summit St., McKeesport, Pa.
Sturgis, Jean	504 Arthur Ave., Scottdale, Pa.
Taylor, Helen Jane	Lincoln Highway, East McKeesport, Pa.
Topping, John	192 Pleasant St., Rochester, Pa.
Turner, Earl	Clarksville, Pa.
Ulrich, Robert	503 N. Huron St., Wheeling, W. Va.
Wakefield, Julia	1518 Foliage St., Wilkinsburg, Pa.
Warstler, Ila	1015 Main Ave., W. Massillon, Ohio
Waterhouse, Eleanor	133 Edgewood St., Wheeling, W. Va.
Webb, Walter	12 Fourth St., Dravosburg, Pa.
Weber, Bette	2840 Glenmore Ave., Dormont, Pa.
Weber, John	2840 Glenmore Ave., Dormont, Pa.

Weinik, Helenmae	3866 Sedgwick Ave., New York, N. Y.
Weir, Mary Jane	135 Third St., McDonald, Pa.
White, Elizabeth	Bethany, W. Va.
Wright, Wyit	913 Chestnut St., Coraopolis, Pa.

FRESHMEN—CLASS OF 1943

Adamson, Rosemary	Box, 95, Monaca, Pa.
Addleman, Robert	Clarksville, Pa.
Albee, George	517 Brussels St., St. Marys, Pa.
Arensberg, Helen	2833 Brentwood Ave., Pittsburgh (10), Pa.
Babicz, Pauline	149 N. Seventh St., Steubenville, Ohio
Baldwin, Willard	425 Idora Ave., Youngstown, Ohio
Bancroft, Lois	419 Westminster Rd., Brooklyn, N. Y.
Banks, Nelson	433 E. 51st St., Apt. 4A, New York, N. Y.
Bannen, William	223 Isabella St., Oakmont, Pa.
Barker, Richard	362 Fifth Ave., New Kensington, Pa.
Barrett, Evelyn	506-17th St., Parkersburg, W. Va.
Baxter, Evelyn	1124 Wisconsin Ave., Dormont, Pittsburgh, Pa.
Bell, Isaac	Clarksville, Pa.
Bell, Virginia	919 N. 4th St., Steubenville, Ohio
Benedict, Grace	3 Twenty-second St., McMechen, W. Va.
Berggren, Jean	2812 Jenny Lind St., McKeesport, Pa.
Black, Marjorie	37 N. Bryant Ave., Bellevue, Pa.
Blackmore, Marjorie	124 Merrimac St., Buffalo, N. Y.
Bonessi, Angeline	448 Carolina Ave., Chester, W. Va.
Bowers, Nancy	William Penn Highway, Weirton, W. Va.
Brown, Ellwood	55 Maurice St., Uniontown, Pa.
Brown, Ewing	R. D. 1, Fayette City, Pa.
Brown, Marion	204 Hammond Bldg., Hammond, Ind.
Brunner, Anna Bell	511 Coshocton Ave., Mt. Vernon, Ohio
Burbridge, Ralph	102 Euclid Ave., Dravosburg, Pa.
Burgess, Betty Jo	431 W. Jefferson St., Fort Wayne, Ind.
Burke, Anna Laura	315 Sycamore St., Pittsburgh, Pa.
Callendine, George	20 N. Front St., Wheeling, W. Va.
Camarata, Charles	395 Beaver St., Beaver, Pa.
Carnahan, Susan	Newell, W. Va.
Cashman, Corinne	119 Library Ave., Wilmington, Ohio
Chalfant, Joan	N. Liberty St., West Alexander, Pa.
Close, Gail	199 Ames Ave., Leonia, N. J.
Close, Margaret	199 Ames Ave., Leonia, N. J.
Cluss, Charles	15 Eggleston St., Uniontown, Pa.
Committe, Thomas	535 Market St., Wheeling, W. Va.
Conley, Lois	95 Pfohl Place, Williamsville, N. Y.
Conn, Archie	Point Marion, Pa.
Connell, Robert	4103 Adena St., Hollidays Cove, W. Va.

Cooper, Janice	714 Roselawn Ave., Mt. Lebanon, Pa.
Cramblet, Joan	Bethany, W. Va.
Crawford, Elizabeth	3035 Vernon Ave., Pittsburgh (10), Pa.
Crawford, June	R. D. 2, Bridgeville, Pa.
Daniel, Angelo	35-26th St., Wheeling, W. Va.
Daniels, Alice	Tyrone, Pa.
Davis, Dawn	Park Place, Wheeling, W. Va.
Deer, Lewis	717 Sherwood Ave., Pittsburgh (4), Pa.
Deibel, Margaret	13 Johnston St., Crafton, Pa.
Douglass, Jane	445 Florida Ave., Chester, W. Va.
Drake, Kate Anna	240 Franklin St., Washington, Pa.
Edwards, Dorothy	101 St. Marks Place, Valley Stream, N. Y.
Ehinger, Margaret	92 Parkwood Ave., Kenmore, N. Y.
Eidemiller, Faith	723 Harden Drive, Pittsburgh (2), Pa.
Esty, Milton	113 Silver Lane, East Hartford, Conn.
Etzler, Martha	8 Woodcrest Terrace, Woodsdale, Wheeling, W. Va.
Ferguson, Gerald	3428 Main St., Hollidays Cove, W. Va.
Finch, Lewis	202 Teece Ave., Bellevue, Pa.
Forry, June	1015 Fordham Ave., Pittsburgh, Pa.
Fraim, Jean	1275 New York Ave., Brooklyn, N. Y.
Freshwater, Emma Jane	Gilbert Ave., Follansbee, W. Va.
Fritz, Robert	22 Laurel Ave., Wheeling, W. Va.
Garland, Alice	McClellandtown Rd., Uniontown, Pa.
Garner, Maynard	Bethany, W. Va.
Gilbert, Pauline	514 South Front St., Wheeling, W. Va.
Gilmore, Eleanor	1400 Summit Terrace, Linden, N. J.
Glassman, Irving	165 Center St., West Haven, Conn.
Goldberg, Bernard	102nd St. and Buffalo Ave., Niagara Falls, N. Y.
Goodfellow, Sara	1012 Walnut St., Hollidaysburg, Pa.
Greene, Jeanne	R. D. 1, Edinburg, Pa.
Haenszel, Frederick	242 Brunswick Blvd., Buffalo, N. Y.
Hallock, Margaret	809 Norwich Ave., Brookline, Pittsburgh, Pa.
Hanes, Ethel Louise	526 Second St., Brownsville, Pa.
Harris, Edward	91 Eaton St., Buffalo, N. Y.
Hawkins, James	R. D. 1, Waynesburg, Pa.
Henderson, Jean	35 West Garden Road, Pittsburgh (10), Pa.
Hewitt, Elizabeth	221 Vine St., Edgewood, Pittsburgh, Pa.
Hillstrom, Donald	2002 Duquesne Ave., McKeesport, Pa.
Hinkle, Mary Jane	2904 Versailles Ave., McKeesport, Pa.
Hogg, Paul	843 Whitmore Road, Detroit, Mich.
Huhn, Charles	Liberty St., Smithfield, Pa.
Huntsberger, David	144 Cedar Blvd., Mt. Lebanon, Pa.
Hutchison, Irene	666 Liberty Ave., Carnegie, Pa.
Hyman, Jeanne	40 Canterbury Rd., Rockville Centre, L. I., N. Y.
Jackson, Robert	1405 Madison Ave., Toronto, Ohio
Jackson, Vernon	2118 Hampton, Ave., Swissvale, Pa.

Jennings, Mary Louise	221 East Madison Ave., Chrisman, Ill.
Kaiser, Robert	327 Seventh St., New Philadelphia, Ohio
Keck, Mary Elizabeth	102 Union St., Brownsville, Pa.
Keckley, Eugene	651 Evans St., Newark, Ohio
Kennedy, Betty	Brilliant, Ohio
Keppel, John	419 Erie St., Wheeling, W. Va.
Keys, Doris	1651 Potomac Ave., Dormont, Pa.
Kitchin, Elizabeth	255 Webb St., Hammond, Ind.
Krammer, Donald	130 Overbrook Dr., Mt. Lebanon, Pittsburgh, Pa.
Lammert, Harry	210 Edward Ave., Mt. Lebanon, Pittsburgh, Pa.
Lemon, Marian	1010 Franklin St., McKeesport, Pa.
Lewis, Elizabeth	524 Washington Ave., Oakmont, Pa.
Long, Frank	343 East Utica St., Buffalo, N. Y.
Loper, William	154 N. 20th St., Warwood, W. Va.
Mackey, Esther	118 Delaware Ave., East McKeesport, Pa.
Marriott, Dale	711 N. Grove Ave., Oak Park, Ill.
Medick, John	2412 Chapline St., Wheeling, W. Va.
Meinhold, Shirley	190-04 Williamson Ave., Springfield Gardens, N. Y.
Metal, Niceto	350 Central Park West, New York, N. Y.
Middleton, Margaret	1420 Otter St., Franklin, Pa.
Minor, Dorothy	Cameron, W. Va.
Moelter, Lois	405 Griffin Ave., Pittsburgh (10), Pa.
Moore, Stewart	110 N. Front St., Wheeling, W. Va.
Myers, Harold	235 Metz Ave., Akron, Ohio
Myers, Walter	Snug Harbor, Steubenville, Ohio
McCroba, Jean	4185 Franklin St., Bellaire, Ohio
McCrory, Nyla	309 S. Hickory St., Scottsdale, Pa.
McIlvain, Nellie	21 Fifth St., McMechen, W. Va.
McIntyre, Betty	321 Hartland Ave., Clarksburg, W. Va.
McKenna, John	New Paltz, N. N.
McSeveney, Eva Delle	880 Duncan Ave., Washington, Pa.
Narrigan, Betty Jane	Claysville, Pa.
Neil, Lenore	24 Summit St., Willoughby, Ohio
Neuman, Fred	114 N. 19th St., Wheeling, W. Va.
Noel, Barbara	168 S. Oakwood Ave., Beckley, W. Va.
Novak, Helen	616 Fourth Ave., Ford City, Pa.
Nye, Mary Ella	East State Road, Sharon, Pa.
O'Brien, James	24 Grove St., New Paltz, N. Y.
Otto, Thomas	516 Market St., Wheeling, W. Va.
Owen, John	Buffalo Road, East Aurora, N. Y.
Palmiter, Beverly	204-80th St., Niagara Falls, N. Y.
Peters, Blanche	405 W. Hutchinson Ave., Edgewood, Pittsburgh, Pa.
Phillips, Sophie	707 Water St., Brownsville, Pa.
Pinto, Anthony	2648-91st St., Jackson Heights, N. Y.
Ponzo, Virginia	123 Ames Ave., Leonia, N. J.
Poston, Thomas	1-C Northway, Greenbelt, Md.

Purdum, Janice	310 N. Bluff St., Butler, Pa.
Ray, Mary Louise	Smithfield, Pa.
Ritchey, Glenn	Loysburg, Pa.
Roberts, Richard	Bethany, W. Va.
Robinson, Fred	220 Spring Ave., Mingo Junction, Ohio
Ross, Stanley	1403 Beech St., McKeesport, Pa.
Runnion, Grace	215 Burns St., Forest Hills, L. I., N. Y.
Sandy, Ernest	28 Johnson Ave., Uniontown, Pa.
Schaeffer, Jay	508 Lawson Ave., Steubenville, Ohio
Schutt, Barbara	1210 Locust St., Philadelphia, Pa.
Sesler, Mary Louise	308 Morgantown St., Uniontown, Pa.
Shannon, Kathleen	5 Carnegie Drive, Midland, Pa.
Sheline, Raymond	3738 Stannard Drive, Toledo, Ohio
Shlickerman, Leo	957 West Delavan Ave., Buffalo, N. Y.
Shore, Marietta	1628 Seminole St., Flint, Mich.
Shreffler, Marion	214 Tionesta Ave., Kane, Pa.
Siegel, Marvin	191 Woodbridge Ave., Buffalo, N. Y.
Siegelbaum, Harold	1506 Walton Ave., New York, N. Y.
Sitock, George	53 Buffington St., New Salem, Pa.
Skinner, Majorie	512 N. Seventh St., Steubenville, Ohio
Smith, June	404 Robbins, Ave., Niles, Ohio
Smith, Mariah	Bolenge, D.C.C.M., Congo Belge, Africa
Smith, Mary Lulu	Bolenge, D.C.C.M., Conge Belge, Africa
Smudski, Robert	205 Spring Ave., Greensburg, Pa.
Steele, Theodore	3505 Butler St., Pittsburgh, Pa.
Steinman, Sanford	714 W. 181st St., New York, N. Y.
Stitt, Stanley	418 Lawson Ave., Steubenville, Ohio
Swearingen, Fred	3073 Pinehurst Ave., Dormont, Pa.
Thomas, Norman	74-31st St., Wheeling, W. Va.
Thompson, Loren	1203 Wellesley Ave., Steubenville, Ohio
Umbel, Richard	59 Gilmore St., Uniontown, Pa.
Wallace, Richard	305 Winter Ave., New Castle, Pa.
Waterman, Roger	1876 Linwood Ave., Niagara Falls, N. Y.
Weaver, William	206 Park St., Scottdale, Pa.
Wells, Donald	Bethany, W. Va.
Westland, Virginia	1716 Hamilton Place, Steubenville, Ohio
Whitehill, John	149 Cedar Blvd., Mt. Lebanon, Pa.
Williams, Robert	506 Oak St., Millville, N. J.
Williamson, Jane	721 Washington Ave., Carnegie, Pa.
Willoschat, Ardath	274 E. Euclid St., Valley Stream, N. Y.
Wilson, Betty	Brilliant, Ohio
Wilson, Harry	217 Hazel Drive, Mt. Lebanon, Pa.
Wilson, Jean	369 Main St., West Concord, Mass.
Winters, Sanford	R. D. 1, Waterbury, Conn.
Wolf, Don	1504 Hildreth Ave., Wheeling, W. Va.
Wuller, Elizabeth	Main St., Rouseville, Pa.

UNCLASSIFIED STUDENTS

Burdue, DeEtte	Bethany, W. Va.
Foulk, Jr., Tom B.	7 Maryland St., Wheeling, W. Va.
Freiling, Paul	Frankfurt (Main) Markgrafenstrasse 4, Germany
Gay, Emily	Bethany, W. Va.
Hupp, Joseph	R. D. 1, Bethany, W. Va.
Johnson, Dorothy	601 E. Chestnut St., Mt. Vernon, Ohio
Raspillaire, Jeanne	Bethany, W. Va.
Shaw, Mrs. Chandler	Bethany, W. Va.
Shepard, Mrs. John	Bethany, W. Va.
Sparks, Edward	558 Weirmont Terrace, Weirton Heights, W. Va.

ENROLLMENT BY CLASSES

Seniors	58
Juniors	43
Sophomores	122
Freshmen	177
Unclassified Students	10
Total	410

ENROLLMENT BY STATES AND FOREIGN COUNTRIES

Africa	2
Connecticut	6
Dominican Republic	1
Germany	1
Illinois	3
Indiana	5
Maryland	2
Massachusetts	2
Michigan	2
Missouri	1
New Jersey	7
New York	39
North Carolina	1
Ohio	54
Pennsylvania	188
Virginia	2
West Virginia	94
Total	410

THE ALUMNI ASSOCIATION OF BETHANY COLLEGE

The Alumni Association of Bethany College had its origin in 1846, six years after the founding of the college, when the members of the first three graduating classes met during the commencement season and organized the "Society of the Alumni of Bethany College." The constitution, drawn up and adopted at that time, remains as one of the interesting historical documents of the college. In later years there was no continuous and active alumni program. In 1928 Forrest H. Kirkpatrick undertook the work of correcting and completing the alumni records and mailing list. Much time and attention has been given to this during the past dozen years.

Alumni records and activities are now under the direction of Mr. George C. Hettler, who is the Executive Secretary. In the determination of policies and program the leadership is taken by the Alumni Advisory Council of Bethany College. This council is composed of the officers of the alumni association and representatives from the geographical districts. The alumni office at the college preserves records concerning the activities of alumni, publishes throughout the year several alumni issues of the *Bethany College Bulletin*, assists in the programs of branch associations, and seeks, in various ways to promote alumni activity and interest. All graduates and former students automatically become members of the association when they leave the campus. The association is affiliated with the American Council.

The celebration of the College Centennial this year is of great interest to Bethany alumni and former students. Alumni from all sections of the United States and some in foreign countries will return to the campus for this important event.

OFFICERS OF THE ALUMNI ASSOCIATION

President.....	Mr. Donald L. Boyd, Huntington, W. Va.
Vice President.....	Mr. Herman P. Dean, Huntington, W. Va.
Secretary.....	Mr. George C. Hettler, Bethany, W. Va.
President of Alumni Advisory Council.....	Mr. Archy T. Schrock, Pittsburgh, Pa.

BRANCH ASSOCIATIONS

Akron, Ohio

President: Mr. Malcolm Rush
 Vice President: Mr. Nelson H. Myers
 Secretary: Mrs. E. B. Huffman
 Treasurer: Mrs. H. R. Stevenson

Beaver Valley, Pa.

President: Mr. Norman Faulk
 Vice President: Mrs. Roberta C. Holt
 Secretary-Treasurer: Mrs. Katherine S. Cory

Brooke County, W. Va.

President: Mr. Cecil B. Dodd
 Vice President: Mrs. W. S. Wilkin
 Secretary-Treasurer: Mr. M. S. Miller

Buffalo, N. Y.

President: Mr. F. O. Carfer
 Vice President: Mr. James W. Sala
 Secretary-Treasurer: Miss Martha Jane Carfer

Cleveland and Northern Ohio

President: Mr. C. Huber Burke
 Vice President: Mr. Daniel J. LaPorte
 Secretary: Miss Gayle James
 Treasurer: Mr. Paul Miley

Columbus, Ohio

President: Mr. Frank G. Helme
 Vice President: Mr. A. E. Besancon
 Secretary-Treasurer: Mr. Nelson Ward
 Associate: Mrs. Walter Lacock

Greene County, Pa.

President: Mr. O. A. Rodefer
 Vice President: Mr. A. J. Marion
 Secretary-Treasurer: Miss Marjorie Aldrich

New York, N. Y.

President: Mr. Ralph C. Lankler
 Vice President: Mr. Gardner F. Peene
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President: Mr. George T. Phelps

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BETHANY COLLEGE BULLETIN

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1941-1942

BETHANY, WEST VIRGINIA

March 1941

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CATALOGUE

1941-1942

Statement
of
History, Purpose, and Program
at
Bethany College
Bethany, West Virginia
with
Curricular Announcements
for
1941-1942

CHARTERED IN 1840 BY THE STATE OF VIRGINIA

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ACADEMIC RECOGNITION

Bethany College is on the approved list of colleges of the Association of American Universities. By virtue of this approval the baccalaureate degree from Bethany College is recognized for admission to graduate study in this country and abroad. Bethany is accredited by the North Central Association of Colleges and Secondary Schools as a degree granting institution. The college is a member in good standing of the Association of American Colleges and the American Council on Education. Bethany is recognized by various state departments of education as an institution for the training of teachers, and is in good standing with the American Association of University Professors.

Women graduates of Bethany College are eligible to membership in the American Association of University Women. Membership in the American Association carries with it membership in the International Federation of University Women.

COLLEGE CALENDAR

1941

- April 26 and May 10, Saturday—Competitive Scholarship Examination for high school seniors.
- May 11, Sunday—Mother's Day.
- May 17 and 31, Saturday—Pre-College Guidance Days for high school seniors.
- June 2 to 6, Monday to Friday—Second semester examinations.
- June 6, Friday—Laboratories, Library and Gymnasium close.
- June 7, Saturday—Annual Meeting of Board of Trustees.
- June 8, Sunday—Baccalaureate Service and President's Reception.
- June 9, Monday—Annual Commencement.
- June 11 and 25, Wednesday—Pre-College Guidance Days for high school seniors.
- July 16 and 30, Wednesday—Pre-College Guidance Days for high school seniors.
- September 10 to 12, Wednesday to Friday—Seminar for Faculty on Teaching and Counseling Methods.
- September 14 to 18, Sunday to Thursday—"Freshman Week"
- September 18, Thursday morning—Registration for freshmen.
- Thursday afternoon—Registration for sophomores, juniors and seniors.
- September 19, Friday—Achievement tests for students anticipating subject matter; Courses begin at noon.
- September 24, Wednesday—Formal Convocation.
- October 25, Saturday—Fall Home-Coming.
- November 15, Saturday—Mid-Semester grade reports.
- November 27, Thursday—Thanksgiving Day. A college holiday.
- December 20, Saturday, 12:00 Noon—Christmas vacation begins.

1942

- January 5, Monday, 8:00 A.M.—Christmas vacation ends.
- January 10, Saturday—Last day for filing application for degrees to be conferred in June.
- January 26 to 30, Monday to Friday—First semester examinations.
- February 3, Tuesday—Registration for second semester.
- February 4, Wednesday—All courses begin; Achievement and ability tests for second semester entrants.
- March 6 and 7, Friday and Saturday—Spring Home-Coming.
- March 28, Saturday—Mid-Semester grade reports.
- March 28, Saturday, 12:00 Noon—Spring vacation begins.
- April 6, Monday Noon—Spring vacation ends.
- April 13 and 15, Monday and Tuesday—Sophomore General Examination
- April 25 and May 9, Saturday—Competitive Scholarship Examination for High school seniors.
- May 10, Sunday—Mother's Day.
- May 11, Monday—Reading period for seniors begins.
- May 18, Monday—Advance enrollment for 1942-1943 to be completed.
- May 18, Monday—Last date for filing applications for scholarships and fellowships for 1942-1943.
- May 25 and 26, Monday and Tuesday—Senior Comprehensive Examination
- June 1 to 5, Monday to Friday—Second semester examinations.
- June 5, Friday—Laboratories, Library and Gymnasium close.
- June 6, Saturday—Annual Meeting of Board of Trustees.
- June 7, Sunday—Baccalaureate Service and President's Reception.
- June 8, Monday—Annual Commencement.

BOARD OF TRUSTEES

TERM EXPIRES JUNE, 1943

HON. BENNETT CHAMP CLARK	Senate Office Bldg., Washington, D.C.
GEORGE A. WADDLE	1144 East Market St., Akron, Ohio
BEN W. IRVIN	Big Run, Pa.
HERSCHEL C. OGDEN	c/o Wheeling Intelligencer, Wheeling, W.Va.
S. J. RENO	151 Oneida St., Pittsburgh, Pa.
J. C. MORRIS	Shelby, Ohio
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JAMES H. R. CROMWELL	630 Fifth Ave., New York, N.Y.
FRANK M. HESSE	Grant Bldg., Pittsburgh, Pa.

TERM EXPIRES JUNE, 1942

THOMAS W. PHILLIPS, JR.	Butler, Pa.
W. E. PIERCE	1232 20th St., Parkersburg, W.Va.
JOHN M. SMITH	4044 Washington Blvd., Indianapolis, Ind.
OLIVER C. VODREY	East Liverpool, Ohio
BEN S. JOHNSON	333 Hancock St., Bluefield, W.Va.
R. A. BALDERSON	Farmers Nat'l Bank Bldg., Pittsburgh, Pa.
JOHN MARSHALL	Union Trust Bldg., Washington, D.C.
FRANK J. KENT	233 Broadway, New York, N.Y.
ROBERT D. HURL	Shelby, Ohio
DANIEL F. MULLANE	202 Kenneth Ave., Greensburg, Pa.

TERM EXPIRES JUNE, 1941

W. H. FIELDS	843 Main St., Wheeling, W.Va.
W. W. VAN HORN	Shelby, Ohio
W. F. FREDERICK	Uniontown, Pa.
ARGYLE CAMPBELL	Buckingham Bldg., Chicago, Ill.
W. S. WILKIN	Wellsburg, W.Va.
MISS IDA M. IRVIN	Big Run, Pa.
F. O. CARFER	50 Lincoln Blvd., Kenmore, N.Y.
DR. R. R. RENNER	12825 Euclid Ave., Cleveland, Ohio
H. O. EVANS	Oliver Bldg., Pittsburgh, Pa.
SIDNEY C. PORTER	East Liverpool, Ohio

Faculty Representative for 1941-1942: Professor Pearl Mahaffey

OFFICERS OF THE BOARD

W. S. WILKIN, *Chairman*

W. H. CRAMBLET, *President and Treasurer*

N. W. EVANS, *Secretary*

COMMITTEES OF THE BOARD

EXECUTIVE:

Mr. Wilkin, Mr. Campbell, Dr. McMullen, Mr. Phillips, Mr. Van Horn,
Mr. Waddle, Mr. Wright, Mr. Hesse, and Mr. Porter.
Mr. F. H. Kirkpatrick, Secretary.

ALUMNI COOPERATION:

Mr. Carfer, Mr. Smith, and Mr. Hesse.

BUILDINGS AND GROUNDS:

Mr. Phillips, Mr. Campbell, Mr. Hurl, and Mr. Porter.

CHURCH COOPERATION:

Mr. Morris, Miss Irvin, Mr. Johnson, Mr. Carfer, and Mr. Pierce.

FINANCE AND BUDGET:

Dr. McMullen, Mr. Van Horn, Mr. Wright, Mr. Wilkin, and Mr. Mullane.

INVESTMENT:

Mr. Wright and President Cramblet.

LIBRARY:

Dr. Renner, Mr. Evans, and Mr. Reno.

NOMINATIONS:

Mr. Marshall, Mr. Morris, Dr. McMullen, and Mr. Vodrey.

STUDENT WELFARE:

Mr. Hurl, Mr. Cromwell, Mr. Marshall, Dr. Renner, and Mr. Mullane.

OFFICERS OF ADMINISTRATION

WILBUR HAVERFIELD CRAMBLET	<i>President of the College</i>
WILLIAM KIRK WOOLERY	<i>Provost</i>
BERNAL ROBINSON WEIMER	<i>Dean of the Faculty</i>
FORREST HUNTER KIRKPATRICK	<i>Dean of Students</i>
FLORENCE MARIAN HOAGLAND	<i>Academic Adviser for Women</i>
ANNA MARY KEMP	<i>Librarian</i>
NEWTON WALLACE EVANS	<i>Bursar</i>
GEORGE CARL HETTLER	<i>Executive Secretary</i>
CHARLES CLIFFORD BARLOW	<i>Director of High School Relations</i>
SAMUEL SPRIGG JACOB, M.D.	<i>College Physician</i>
MARGARET CARRIGAN	<i>Social Director</i>

FACULTY OF INSTRUCTION*

WILBUR HAVERFIELD CRAMBLET, *President of the College on the M. M. Cochran Foundation and Professor of Mathematics.* (Professor 1917; President 1934)

A.B., Bethany College; A.M., Ph.D., Yale University.

JEAN CORRODI MOOS, *Professor-Emeritus of Music.* (1897-1934)

College of Music, Zurich; Royal Conservatory of Music, Leipsig; A.M., Mus.D., Bethany College; Oberlin College; Columbia University.

ANNA RUTH BOURNE, *Professor-Emerita of English Literature.* (1903-1936)

King's College, University of London; Oxford University; A.B., Bethany College; A.M., Columbia University; University of Poitiers; University of Paris; Litt.D., Bethany College.

HENRY NEWTON MILLER, *Professor-Emeritus of Bible School Pedagogy on the Herbert Moninger Foundation.* (1914-1937)

A.B., A.M., Bethany College; Yale University; D.D. Bethany College.

EBENEZER LEE PERRY, *Professor-Emeritus of Latin.* (1908-1939)

A.B., A.M., Bethany College; Yale University; A.M., Columbia University; Litt.D., Bethany College.

PEARL MAHAFFEY, *Professor of Modern Languages.* (1908)

A.B., Miami University; University of California; A.M., Columbia University; University of Grenoble; McGill University; University of Paris; Harvard University.

FRANK ROY GAY, *Professor of Classics.* (1910)

A.B., A.M., Drake University; University of Virginia; A.M., Ph.D., University of Chicago.

ANDREW LEITCH, *Sarah B. Cochran Professor of Philosophy and Psychology.* (1920)

A.B., A.M., Butler College; B.D., Ph.D., Yale University; Columbia University; University of Chicago; University of Pennsylvania; Harvard University.

* The names are arranged in order of rank and seniority of appointment. The date in parenthesis indicates first appointment to this faculty.

- WILLIAM KIRK WOOLERY, *Provost and George T. Oliver Professor of History and Political Science.* (1921)
A.B., Bethany College; A.M., University of California; Ph.D., Johns Hopkins University.
- BERNAL ROBINSON WEIMER, *Dean of the Faculty and Professor of Biology.* (1921)
A.B., A.M., West Virginia University; Ph.D., University of Chicago.
- IRVIN TAYLOR GREEN, *Professor of New Testament and Church History.* (1921)
A.B., Transylvania College; A.M., B.D., Bethany College; University of Chicago.
- FORREST HUNTER KIRKPATRICK, *Dean of Students and Professor of Education.* (1927)
A.B., Bethany College; University of Dijon; A.M., Columbia University; University of Pittsburgh; University of London.
- EMMETT EPHRIAM ROBERTS, *Professor of English.* (1928)
A.B., Ohio University; A.M., Ohio State University; New York University.
- OSBORNE BOOTH, *T. W. Phillips Professor of Old Testament.* (1929)
A.B., Hiram College; B.D., Yale University; University of Chicago.
- HENRY DONALD DAWSON, *Professor of Chemistry.* (1930)
B.S., Denison University; M.Sc., Ph.D., Ohio State University.
- JOHN J. KNIGHT, *Professor of Physical Education.* (1930)
A.B., West Virginia Wesleyan College; University of Michigan; Ohio State University.
- CHARLES RUSH CARTER, *Professor of Music.* (1934)
Combs Conservatory; Temple University; B.S. in Ed., A.M., New York University; Juilliard School of Music.
- FLORENCE MARIAN HOAGLAND, *Academic Adviser for Women and Professor of English.* (1936)
A.B., Cornell University; A.M., Columbia University; Ph.D., Cornell University; University of Cambridge.
- REUBEN HAMILTON ELIASSEN, *Professor of Education.* (1936)
A.B., St. Olaf College; University of Minnesota; A.M., Columbia University; Stanford University; University of Chicago; Ph.D., Ohio State University.

- CLYDE J. CROBAUGH, *Associate Professor of Economics and Sociology; Head of the Department.* (1939)
A.B., A.M., Stanford University; University of Chicago; Boston University; University of Pittsburgh.
- ANNA MARY KEMP,* *Librarian with rank of Assistant Professor.* (1922)
A.B., M.Mus., Bethany College; Chautauqua Library School; Columbia University.
- WILBUR JOHN SUMPSTINE, *Assistant Professor of Biology and Geology.* (1925)
B.Sc., Bethany College; West Virginia University; M.Sc., University of Chicago; University of Pittsburgh.
- JOHN STANLEY VALENTINE ALLEN, *Assistant Professor of Physics.* (1933)
B.Eng. Physics, M.Sc., Ph.D., Ohio State University.
- CHANDLER SHAW, *Assistant Professor of History.* (1935)
A.B., Rollins College; A.M., Ph.D., University of North Carolina; American Academy in Rome; Royal University, Perugia, Italy.
- WALTER E. BOETTCHER, *Assistant Professor of Physical Education.* (1937)
B.Sc., A.M., Lafayette College; New York University; St. Lawrence University.
- NEIL HENRY GRAHAM, *Assistant Professor of Modern Languages.* (1937)
B.Sc., Hobart College; A.M., Ph.D., Cornell University; University of Paris.
- EARL D. MCKENZIE, *Assistant Professor of Modern Languages.* (1937)
A.B., Brown University; A.M., Columbia University; University of Frankfurt am Main; Yale University; University of Pittsburgh.
- MARGARET ROSE SPARKS, *Instructor in Secretarial Training.* (1935)
A.B., Marshall College; A.M., West Virginia University; New York University.
- †BLANCHE BURROW, *Instructor in Physical Education.* (1935)
Indiana University; Lawrence College; B.S., A.M., Columbia University.
- DWIGHT ESHELMAN STEVENSON, *Instructor in Philosophy.* (1936)
A.B., Bethany College; B.D., Yale University; University of Chicago.
- MARGARET CARRIGAN, *Head of Residence for Women and Instructor in English.* (1939)
A.B., Columbia University; A.M., Syracuse University; Columbia University.

* Deceased March 6, 1941. Had been on sabbatical leave for 1940-1941.

† Resigned as of June 1941.

- ¹MARY ELLEN BIBBEE, *Faculty Resident and Instructor in Sociology*. (1939)
A.B., Ohio University; A.M., Indiana University.
- ¹MARIAN HENDRICK, *Faculty Resident and Instructor in English*. (1939)
University of Washington; A.B., A.M., Columbia University.
- JAMES WAGNER ALEXANDER, *Instructor in English*. (1940)
A.B., A.M., University of Georgia; University of Perugia; University of Padua; University of Grenoble; Ph.D., University of Virginia.
- EDWARD R. BOWDEN, *Instructor in Economics*. (1940)
B.Sc., Grove City College; M.B.A., University of Pennsylvania.
- CASSIUS W. GOULD, *Instructor in Music*. (1940)
B.Mus., M.Mus., Oberlin College; Crane College; Northwestern University;
A.A.G.O.
- JOHN W. REYNARD, *Instructor in Chemistry*. (1940)
A.B., Muskingum College; A.M., Ph.D., Ohio State University.
- WILLIAM HENRY SPRAGENS, *Instructor in Mathematics*. (1940)
A.B., M.S., University of Kentucky; University of Illinois.
- EARNEST WARREN LUNDEEN, *Acting Librarian*. (1941)
A.B., University of Nebraska; University of Illinois; University of Chicago.
- ALBERTA FRANCES QUINLIN, *Recorder and Associate in Guidance and Personnel*.
(1936)
A.B., Bethany College; Columbia University.

¹ Resigned as of June 1941.

FACULTY COUNSELORS

For Freshmen and Students Who Have Not Determined a Major

Miss Mahaffey	Mr. Dawson	Mr. McKenzie
Mr. Woolery	Mr. Booth	Mr. Crobaugh
Mr. Weimer	Mr. Eliassen	Mr. Carter
Mr. Allen	Miss Hoagland	Mr. Green

For Students in Major Departments

Biology: Mr. Weimer	History: Mr. Woolery
Biblical Literature: Mr. Booth and Mr. Green	Mathematics and Physics: Mr. Allen
Chemistry: Mr. Dawson	Modern Languages: Miss Mahaffey
Classics: Mr. Gay	Music: Mr. Carter
Economics: Mr. Crobaugh	Physical Education: Mr. Knight
Education: Mr. Eliassen	Psychology: Mr. Leitch
English: Miss Hoagland and Mr. Roberts	Sociology: Mr. Crobaugh

LIBRARY STAFF

ANNA MARY KEMP *Librarian*
A.B., M.Mus., Bethany College; Chautauqua Library School; Columbia University.

EARNEST WARREN LUNDEEN *Acting Librarian*
A.B., University of Nebraska; University of Illinois; University of Chicago.

FRANCES ELIZABETH SHAVER *Assistant Librarian*
B.A., Vanderbilt University; B.S., in L.S., M.A., George Peabody College for Teachers.

STUDENT HEALTH SERVICE

DR. SAMUEL SPRIGG JACOB *College Physician*
A.B., West Virginia University; M.D., Jefferson Medical School.

MARY CUBBERLEIGH VAN PELT, R.N.
..... *College Nurse and Supervisor of the Infirmary*

BARBARA GORDON SCHUTT, R.N. *Assistant College Nurse*

ADMINISTRATION STAFF

LUCILLE BALL *Dietitian and House Manager*
DOROTHY ROHLAND BAUM *Secretary to the President*
AURELINE M. McDONOUGH *Secretary to the Dean of the Faculty*
BETTY KIRKE STEWART *Secretary to the Dean of Students*
JANE ELIZABETH MATTHEWS *Secretary to the Executive Secretary*
MARJORIE FINNEY *Secretary to the Director of High School Relations*
DE ETTE BURDUE *Secretary to the Bursar*
HARRY MILTON MYERS *Bookkeeper*
MYRTLE GILLILAND *Hostess at Point Breeze*
LEROY CLYDE STRASSER *Superintendent of Buildings and Grounds*
CHARLES CALVIN MARTIN (on part time) *Chief Engineer*

RESIDENCES FOR WOMEN

1940-1941

MARGARET CARRIGAN *Head of Residence and Social Director*
MARY ELLEN BIBBEE *Faculty Resident at Helwig House*
MARIAN HENDRICKS *Faculty Resident at Gateway Hall*
ANNA H. GOODNIGHT *House Supervisor—Kappa Delta*
MARY BELLE CARMAN *House Supervisor—Zeta Tau Alpha*
GRACE HINE *House Supervisor—Alpha Xi Delta*
VERDA H. WORTHEN *House Supervisor—Phi Mu*

FUNCTIONAL COMMITTEES OF FACULTY

Curriculum and Instruction

ACADEMIC COUNCIL:

Mr. Weimer, Mr. Woolery, Mr. Kirkpatrick, Mr. Booth, Mr. Dawson,
Mr. Eliassen, Miss Hoagland

ADMISSIONS AND CLASSIFICATIONS:

Mr. Kirkpatrick, Mr. Woolery, Mr. Weimer

HONORS:

Mr. Weimer, Mr. Gay, Mr. McKenzie

LIBRARY:

Mr. Woolery, Mr. Leitch, Miss Hoagland, Mr. Allen

SCHEDULE:

Mr. Dawson, Mr. McKenzie, Mr. Roberts, Mr. Crobaugh

LECTURES AND CONCERTS:

Mr. Weimer, Mr. Carter, Mr. Booth

Student Welfare and Guidance

COUNCIL ON GUIDANCE AND PERSONNEL:

Mr. Kirkpatrick, Mr. Weimer, Miss Hoagland, Mr. Stevenson, Miss Carrigan, Dr. Jacob, Mr. Hettler

ACTIVITIES AND SOCIAL LIFE:

Miss Carrigan, Mr. Boettcher, Miss Mahaffey, Mr. Carter, Mr. Sumpstine

PLACEMENT:

Mr. Kirkpatrick, Mr. Dawson, Mr. Eliassen, Mr. Crobaugh, Miss Quinlin

ATHLETICS AND PHYSICAL RECREATION:

Mr. Woolery, Mr. Dawson, Mr. Knight, Mr. Boettcher

RELIGIOUS LIFE:

Mr. Stevenson, Miss Mahaffey, Mr. Booth, Mr. Eliassen

FINANCIAL AIDS:

Mr. Cramblet, Mr. Kirkpatrick, Mr. Barlow, Mr. Hettler

PURPOSE AND HISTORY

PURPOSE

The continuing purpose of Bethany College is to assist its students in their preparation for intelligent and creative participation in contemporary living, and to maintain in its faculty and student body standards of excellence in scholarship, culture, and conduct.

The particular aims of the college are:

- (1) To provide incentives to and training in the scientific method, in logical analysis, and in creative expression.
- (2) To develop an understanding of the institutions and cultures of the past, especially as they bear upon the problems of contemporary civilization; and to effect an integration of some of the major departments of human knowledge.
- (3) To furnish the means in knowledge and experience for happy, intelligent, and constructive membership in family and state.
- (4) To facilitate adequate adjustment to academic, social, and vocational problems.
- (5) To individualize, as far as possible, the curricular program and requirements, to provide for some degree of specialization in one major field, and for a synthesis of materials in that field.
- (6) To provide opportunities for the development of physical powers, the safeguarding of health, and participation in recreational and avocational activities.
- (7) To provide higher education in an atmosphere sympathetic to Christian ideals and Christian faith and to conserve and develop the moral character and religious life of its students.

HISTORY

Buffalo Seminary, the forerunner of Bethany College, was inaugurated at Bethany, Virginia, in the year 1818 in the home of Alexander Campbell, commonly known as the Mansion. Here, Mr. Campbell offered educational advantages for the youth of the community as well as training for young men in the work of the Christian ministry.

At its inception, Bethany College represented one stage of a sweeping plan for the complete education of the individual, which Mr. Campbell had developed as a result of his experience in traveling and in reflections upon the social and moral conditions he encountered. Convinced that the formation of moral character should be the chief goal in education, and perceiving the deficiency of trained teachers and preachers, he decided to devote his own prodigious learning to such training as a college would afford. Hence, in the winter of 1839-1840, a charter was secured from the state of Virginia for the establishment of a "seminary of learning for the instruction of youth in the various branches of science and literature. the useful arts, agriculture, and the learned and foreign languages."

In the fall of 1840, the trustees of the college named Mr. Campbell as the first president, and he began formulating a plan of instruction. He had strong convictions that the spirit of the institution should be altogether non-sectarian; in the charter occurred the statement that "nothing herein contained shall be so construed as at any time to authorize the establishment of a theological professorship." Nevertheless, he was equally convinced of the necessity for an undergirding of moral instruction, and the Bible was made a textbook for class instruction.

Donating land for the site, Mr. Campbell undertook, on his own responsibility, a commodious brick building for the college. In October of 1841, the first session opened with over a hundred students in attendance. In addition to Mr. Campbell, the first faculty included W. K. Pendleton, A. F. Ross, Charles Stewart, and Robert Richardson. They envisaged a college of great usefulness for the training of thoughtful leadership in business and the professions as well as the church, and they set for the college a fine tradition of liberal scholarship and standards of excellence in accomplishment and personal living. Since its early days, the college has been eminently qualified to give training for professional and public service, and scholarly work in the liberal arts and sciences.

Following the war between the states, Bethany gradually changed from a distinctly southern college and began to draw students from the north central states. Its curriculum was marked by unusual emphasis on the physical sciences and modern languages. Upon the death of Alexander Campbell in 1866, the presidency was entrusted to W. K. Pendleton, who had been associated with the college from its opening days. In the reconstruction years fol-

lowing the war, the north wing of the main college building was added, as well as the wing known as Commencement Hall.

Women were not regularly admitted to the college until 1881, but since that time the college has been co-educational in all departments. Prior to that time the daughters of faculty members and of friends and patrons of the college living in the neighborhood were offered higher education at the Pleasant Hill Seminary, situated near West Middletown, Pennsylvania. At this school it was a regular procedure for the president and members of the faculty of Bethany to conduct final examinations and aid in graduation exercises, practically affiliating the two institutions.

From 1885 to 1900 the college suffered from the lack of funds. Rallying somewhat under the administration of W. H. Woolery, and gaining in number of students for a few years, it became a serious question after the depression of 1893 whether the financial stability of the institution could be maintained. In the space of ten years, five presidents or chairmen of the faculty labored with the mounting difficulties—Archibald McLean, Hugh McDiarmid, B. C. Hagerman, J. M. Kersey, and J. C. Keith.

The decline ended in the early years of the present century when T. E. Cramblet was made president. An era of progress and expansion began; college debts were paid off and the beginnings of adequate endowment were made; college buildings were modernized, a library building secured, Cochran Hall, the Irvin Gymnasium, the central heating plant, Oglebay Hall, and numerous residences were built. Electric lighting was introduced into the college and town, an electric interurban line was built, the town's streets were paved, and hundreds of acres of land given to the college.

At the death of President Cramblet in 1919, the administration of the college was undertaken by Cloyd Goodnight. A growth in the student body, the great increase in properties and endowment, the rebuilding of Commencement Hall and Phillips Hall, a marked advance in recognition of the college's work by accrediting agencies, emphasis upon high standards, progressive educational procedures, and sound scholarship marked his tenure. Under President Goodnight's leadership the curriculum, administrative organization, and social life of the college were given new purpose and direction.

After the sudden death of President Goodnight in October, 1932, an Administrative Committee of trustees and faculty members carried on for almost a year. Hon. W. S. Wilkin, as chairman of

this committee, and those who served with him rendered distinguished service to the institution. In June, 1933, J. A. Serena was elected president, resigning after a tenure of one year. The present administration, inaugurated in December, 1934, has given fresh emphasis and decided advancement to curricular and library matters, faculty scholarship and security, the further development of procedures to individualize education and the improvement of endowments.

The centennial of the college was observed during the academic year of 1939-1940 with celebrations on March 2, 1940, date of the original charter; on May 10 and 11, 1940, date of the earliest faculty meeting; and on June 1, 1940. The greatest attendance of alumni and academic guests ever known in the history of the college gave congratulations on this significant occasion.

EQUIPMENT AND RESOURCES

LOCATION

Bethany College is situated in the northern panhandle of West Virginia, seven miles southeast of Wellsburg on State Route 67, fifteen miles north of Wheeling on State Route 88, and forty-five miles southwest of Pittsburgh. The village in which the college is located is easily accessible by automobile. A map indicating automobile routes to Bethany is printed on the inside back cover of this bulletin. At Wellsburg connection is made with local bus lines for Steubenville, Wheeling, and with various inter-state bus lines. Good railroad connections are possible from New York City and Chicago. Bethany is just six miles from the Wheeling-Ohio County Air Port.

Being almost one thousand feet above sea level and surrounded by picturesque and inspiring scenery, the location of the college is considered attractive and healthful. The environment is that of a small but quaint American community. In this setting it has been possible to preserve the best characteristics of a small college.

A splendid water filtration plant insures good drinking water for the village of Bethany. There are other usual public utilities.

BUILDINGS AND GROUNDS

Bethany College now has approximately 1,000 acres of land, with buildings and equipment valued beyond a million dollars. The land includes the college campus, the college farms, and a number of acres set aside for recreational purposes.

THE COLLEGE CAMPUS—The college campus, consisting of about fifty acres, is located on a hilltop overlooking the beautiful Buffalo Creek. On these fifty acres are a variety of fine trees and numerous shrubs attractively placed in a well-kept lawn. The park-like campus with its background of wooded hills provides a picturesque setting for the college and its community.

THE MAIN COLLEGE BUILDING—The Main Building stands in the center of the attractive campus. It is an imposing structure of Gothic architecture and is well adapted to the purpose for which it is used. It contains about forty rooms, most of which are used as classrooms. Along the west side and running the entire length

of the building is the Corridor, an open promenade three hundred feet in length.

COMMENCEMENT HALL—This building was reconstructed and dedicated in 1924. The original Commencement Hall was built in 1872, and the Gothic lines of the original building have been kept. The auditorium seats approximately six hundred people and contains an equipped stage, pipe organ, and facilities for motion pictures. Studios for music and speech, together with several practice rooms for music and a shop room for theater arts are located on the lower floor of this building.

E. W. OGLEBAY HALL OF AGRICULTURE—This hall was donated to the college by the late Earl W. Oglebay, of the class of 1869. This building is used mainly for the teaching of the sciences. It contains chemical and biological lecture rooms, library, laboratories, and supply rooms. The style of architecture is Tudor Gothic and harmonizes with the Main Building.

CARNEGIE LIBRARY—This building was made possible by gifts of Andrew Carnegie in 1906. The building is constructed of brown pressed brick with berea sandstone trimmings. On the first floor are a large reading room and conference rooms. On the second floor are the main library desk and catalogue, the book stacks, and magazine reading room. On the third floor are rooms for bound copies of magazines and journals, the library work room, rooms for the college museum, and the Centennial Room which contains a display of pictures and mementos related to the activities of the college through all the years.

THE IRVIN GYMNASIUM—This strictly modern gymnasium was donated by the Irvin family of Big Run, Pennsylvania, in 1919. The building, being of Gothic architecture, is in harmony with the other college buildings. It is equipped with swimming pool 20 x 60 feet, shower baths, team rooms, trophy room, and running track, in addition to the gymnasium floor.

RINE RECREATION FIELD—As a memorial to the late Edwin M. Rine, friend and benefactor of the college, the Board of Trustees has purchased and designated 80 acres of land directly west of the campus to be known as the Rine Recreation Fields. A large amount of the grading has already been completed, and an area approximately 300 x 900 is now available for recreational purposes. When completed these fields will have facilities for football, baseball, hockey, tennis, soccer, volleyball, archery, and track.

NATURE TRAIL—Margaretta Parkinson bequeathed the Parkinson Farm to the College in 1914. Under the terms of this bequest two tracts of virgin timber on this property, known as the Parkinson Oaks and the Parkinson Woods, are to be preserved intact as a memorial to Thomas Parkinson and Margaret Parkinson, her grandparents and former owners of the farm.

Through this tract of magnificent oaks, elms, birches, and beeches there has been constructed a nature trail together with several picnic spots for the use of students and friends of the college. The trail follows the banks of a ravine which is crossed in several places by rustic bridges. New species of trees, shrubs and wild flowers are being planted along the trail and in the woods which have been set aside as a bird and game sanctuary. These facilities are useful in the nature recreation program of the college.

PERCY B. COCHRAN HALL—Hon. M. M. Cochran, of the Class of 1875 donated this splendid dormitory for men in 1910 as a memorial to his son, Percy B. Cochran, of the Class of 1900. The building is four stories high and is built of white brick. A men's lounge together with browsing library and kitchenette occupy the first floor. The other floors are used as rooming places for young men. The building is of fireproof construction and is modern in its appointments. The second and third floors of the front wing are arranged in suites. In each suite there is a study room and adjoining the study room there are two bedrooms. The fourth floor of the front wings and all floors of the rear wing are arranged in double and single rooms. The rooms are furnished with desks, study chairs, chiffoniers, and beds. In this building are rooms for the Dean of Students, who is in close contact with all of the students.

PHILLIPS HALL—This dormitory for women was originally donated to the college by Hon. Thomas W. Phillips, Sr., of New Castle, Pennsylvania. In 1930 a splendid new dormitory was completed to replace and include the original building. The new Phillips Hall of red brick and stone has been built along Gothic lines to harmonize with the other buildings of the college. There are student rooms for over a hundred women. In addition to the dormitory space the building provides a central dining room for all of the college women and for other important services of the college.

Each student room is equipped with a study desk, the necessary

chairs and beds, and built-in cabinets which provide each resident with a chest of drawers and a wardrobe with extension hangers.

The social needs of the young women and the entire college are served by the large lobby, small loggias, and the spacious drawing room on the main floor. In addition there are rooms for the Adviser for Women, the Head of Residence, the needed help for the care of the building, and some guest rooms for mothers who may be visiting students in the Hall.

THE BETHANY HOUSE—A Dining Hall for Men—This new building provides dining facilities for the men of the college and certain social rooms for the entire student body. The dining hall will be available for the academic year of 1941-1942. It is part of a proposed student union which is planned for the near future.

HELWIG HOUSE—This is a well-appointed dormitory for twenty-five college women, named in memory of Miss Anna L. Helwig of Wheeling. It is operated under conditions similar to those governing residents in Phillips Hall with a faculty resident in charge.

GATEWAY HALL—This is a well-appointed dormitory for twenty-five college women. It is operated under conditions similar to those governing residents in Phillips Hall with a faculty resident in charge.

RESIDENCE HOMES FOR WOMEN—The college operates three residence buildings on Main Street for college women. These are occupied by chapters of national sororities and operated under conditions similar to those governing residents in Phillips Hall.

PENDLETON HEIGHTS—A short distance to the north of the Main Building on the campus is the home of the President of the College, known as Pendleton Heights. The building was erected by W. K. Pendleton, second president of the college. It was purchased by the college in 1890. The building is attractively furnished and is admirably suited for its intended purpose.

POINT BREEZE—The manor house, Point Breeze, is operated by the college as an inn for the accommodation of students and guests. Dining and lodging facilities are available the year round. The Point Breeze estate, which is adjacent to the college, was purchased in 1937. It had been the home of William H. Nave, a former trustee of the college.

THE COCHRAN CENTRAL HEATING PLANT—The college came into the possession of this building and its equipment through the generosity of Hon. M. M. Cochran of the Class of 1875. The

heating plant was completely remodeled and new units installed in 1935. The college buildings and the Bethany Memorial Church are adequately heated from this source.

THE COLLEGE FARM AND FARM BUILDINGS—Through the generosity of the late E. W. Oglebay of the Class of 1869, Bethany College owns the Alexander Campbell farm of 205 acres. Several years ago, at Mr. Oglebay's expense, many improvements were made on this farm, including a large round dairy barn 86 feet in diameter and a creamery building. By a deed bearing date of April 7, 1914, Miss Margaretta E. Parkinson has given to the college the farm of 251 acres adjoining the college.

LIBRARIES

LIBRARY AND READING ROOM EQUIPMENT—The first floor of the college library building is known as the "reserve book room" and has a seating capacity of 70. In addition to the general reading room three conference rooms for special work are available. The second floor contains a reading room to the left of the entrance with a seating capacity of 50. The magazine files, alphabetically arranged, are on the third floor, and with them are additional facilities for conference and study.

The total number of books in the library is in excess of 34,000 exclusive of government publications. These books are selected for reference and bibliographic work in the liberal arts and sciences. They are arranged according to the Dewey Decimal System of Classification. The reading rooms are supplied with over 200 American and foreign journals. The library is in charge of trained librarians who are available for conference and help in reference work.

GENERAL REGULATIONS—The college library is open every week-day during the college year from 8:00 A.M. to 9:30 P.M., except during convocation, lunch and dinner hours. On Saturday the library closes at 5:00 P.M. On Sunday the second floor is open from 2:00 to 5:00 P.M. for reading only. Books from the stacks circulate for two weeks with a fine if kept overtime. One renewal is granted. "Reserve books" are circulated overnight, from 9:15 P.M. to 8:00 A.M. with a fine if kept overtime. Books in the reference collection are for library use only.

The college library is closed during the month of July and for one week during the Christmas vacation.

SPECIAL COLLECTIONS—Several valuable collections have been received by the college and have been made a part of the college library. The principal parts of the libraries of Alexander Campbell, Robert Richardson, Miss A. C. Pendleton, Archibald McLean, W. S. Priest, Levi Marshall, Miss Mary I. Nichols, R. H. Wynne, Cloyd Goodnight, and M. M. Cochran are among these. A valuable collection of early literature of the Disciples of Christ has come from Samuel Lindsay, Buffalo, New York, from Rev. W. S. Good, Youngstown, Ohio, and from Miss Ellen Thomas, Augusta, Ga.

CHRISTOPHER GRAHAM LIBRARY—A small library for leisure time reading is maintained in the Men's Lounge at Cochran Hall. This library is dedicated to the memory of "a truly fine college boy" who was a student leader and resident in Cochran Hall in 1932-1933.

DAGNEY ANDERSEN LIBRARY—In one of the loggias in Phillips Hall a small library for leisure time reading is maintained for the use of college women. It is dedicated to the memory of Miss Dagney Andersen, of the Class of 1935, who was one of Bethany's most representative college women.

THE BIOLOGY-CHEMISTRY STUDY LIBRARY—The departmental library for chemistry and biology is located on the third floor of Oglebay Hall. Here are available approximately 500 volumes of periodicals pertaining to these two sciences.

INSTRUCTIONAL EQUIPMENT

BIOLOGY LABORATORIES—The biology laboratories and conference rooms are located on the first floor of Oglebay Hall. These laboratories are adequately equipped to take care of courses in general biology, plant morphology and physiology, bacteriology, comparative anatomy, embryology, and histology. Special research facilities are available for students in the upper division. Work shops for ornithology and taxidermy, modeling and other departmental activities are situated in the basement of Oglebay Hall.

CHEMICAL LABORATORIES—These laboratories occupy the second and third floors of Oglebay Hall. They consist of a general laboratory, an analytical laboratory, and a well equipped laboratory for organic and physical chemistry. There are also two minor research laboratories, a spectroscopic laboratory, balance rooms, chemical storerooms, and a small machine shop. General apparatus is

adequate for individual instruction in all courses offered.

PHYSICS LABORATORY—The rooms used by the Department of Physics are on the first floor of the Main Building. Modern equipment sufficient for elementary and advanced physics courses is in the possession of the college. Special apparatus is available for work in the fields of magnetism, photo-elasticity, radio transmission and reception, cosmic rays and astronomy. An E-I spectrograph, loaned to the college by the Follansbee Brothers Steel Company, is available for research work in steel analysis and other fields of spectroscopy.

PSYCHOLOGICAL LABORATORY—The laboratory for experimental psychology is located on the second floor of the Main Building in connection with the psychology lecture room. The laboratory is equipped for work in elementary experimental psychology, mental measurements, and some phases of applied psychology. The laboratory is so arranged that students have equipment and facilities for individual work.

MUSIC EQUIPMENT—The studios and practice rooms of the Department of Music are located on the first floor of Commencement Hall. They are well equipped with upright and grand pianos of well known make for the use of students taking work in music. A two-manual Teller-Kent pipe organ is available in Commencement Hall for students of music. An additional pipe organ at the Bethany Memorial Church is also available. The vocal work in music is facilitated by the use of a voice recording machine.

SECRETARIAL TRAINING—A laboratory work room is maintained for students who are taking secretarial training and commercial education. The equipment includes typewriters and various office appliances.

MUSEUM

The museum is located on the third floor of the Carnegie Library. It includes a fine collection of rocks, minerals and typical fossils representative of the various periods of the earth's history, and interesting zoological and anthropological displays. Among the interesting exhibits are:

The Herbert Smith African Display

The Edward Johnson African Display

The J. H. Metze Collection of Indian Relics

The I. T. Green Indian Collection

The Maude Madden Exhibit from Japan

The Louise Helwig Exhibition of Antiques and Coins

The Emma M. Lyon Exhibit from China

New materials are added to the museum by friends of the college nearly every year.

ENDOWMENTS

The book value of the endowments of the college as of June 30, 1940, was \$2,351,264.21.

THE M. M. COCHRAN GENERAL ENDOWMENT—On January 25, 1921, Hon. M. M. Cochran of the Class of 1875, gave Bethany certain valuable assets, the proceeds of which are known as the M. M. Cochran General Endowment Fund. Further securities were added to this endowment in 1929 to strengthen and secure the original donation. The value of this gift to the college is placed at \$500,000.

THE M. M. COCHRAN ENDOWMENT OF 1923—On February 19, 1923, Mr. Cochran gave \$300,000 to the college to be known as the M. M. Cochran Endowment of 1923. This was part of the campaign to secure endowment for the college in cooperation with the General Education Board and resulted in increasing the endowments of the college by \$600,000.

THE M. M. COCHRAN ENDOWMENT OF OFFICE AND CHAIR OF PRESIDENT—In collaboration with the Men and Millions movement of the Disciples of Christ, M. M. Cochran began an endowment of the President's Chair at Bethany College. Subsequent donations increased the endowment for this chair to \$100,000.

THE M. M. COCHRAN TRUST FUNDS—On the death of M. M. Cochran three special funds were set up subject to certain remainder interests, the balance of the income to be used for the general purposes of the college. Certain life interests being satisfied, these trust funds are to become a part of the M. M. Cochran general endowment. The value of these trusts is \$805,695.36.

THE THOMAS W. PHILLIPS BIBLE CHAIR ENDOWMENT—Hon. Thomas W. Phillips, Sr., of New Castle, Pennsylvania, has given \$30,000 to endow a chair known as the Thomas W. Phillips Bible Chair.

THE SARAH B. COCHRAN CHAIR OF PHILOSOPHY ENDOWMENT—Mrs. Sarah B. Cochran, of Dawson, Pennsylvania, has contributed

\$25,000 toward the endowment of a chair to be known as the Sarah B. Cochran Chair of Philosophy.

THE HERBERT MONINGER CHAIR OF BIBLE SCHOOL PEDAGOGY ENDOWMENT—Through the interest and generosity of many Bible schools, churches, and individuals, a fund of \$25,000 has been given to the college for the endowment of the Moninger Memorial Chair of Bible School Pedagogy. Herbert Moninger was a graduate of the Class of 1898.

THE GEORGE T. OLIVER CHAIR OF HISTORY ENDOWMENT—The late Senator George T. Oliver of the Class of 1868 gave \$50,000 to the permanent endowment fund to be used for the endowment of the George T. Oliver Chair of History.

THE R. A. LONG CHAIR OF MATHEMATICS ENDOWMENT—In connection with the Men and Millions movement of the Disciples of Christ, R. A. Long of Kansas City, Missouri, gave \$50,000 to the endowment fund of the college. This amount was to be used to endow the Chair of Mathematics.

THE THOMAS W. PHILLIPS, JR., ENDOWMENT—Hon. T. W. Phillips, Jr., of Butler, Pennsylvania, has donated \$55,000 to the general endowment of the college to be known as the T. W. Phillips, Jr., Endowment Fund.

THE E. M. RINE TRUST FUND—The late E. M. Rine, of Montclair, New Jersey, bequeathed to the college a large share of his estate. Monies from this estate are placed in the E. M. Rine Trust Fund as they are received and are disbursed in accordance with the action of the Board of Trustees. Approximately \$219,000 of this has been used for special purposes. The present value of the property and securities remaining in the trust fund is approximately \$75,000 and is temporarily designated as endowment. An additional \$90,000 will come to the college from this source at a future date.

SPECIAL FUNDS

THE GANS FUND—The Gans Fund was established by Wickliffe Campbell Gans, graduate of Bethany College of the Class of 1870, and his brother Emmett W. Gans, in memory of their father and mother, Dr. Daniel L. Gans and Margaret Gordon Gans of East Sparta, Stark County, Ohio. This fund has a value of \$50,000, the income from which is to be used to encourage advance study

and research in science by juniors, seniors, and graduates of Bethany College.

THE J. T. SMITH FUND—J. T. Smith bequeathed \$17,216 to the college, the income of which is to be used to assist young men and women who are studying for the Christian ministry.

THE MINNIE W. SCHAEFFER FUND—Minnie W. Schaeffer has given a sum of \$8,000 to Bethany College, which sum has been designated by the trustees to be used for assistance of students at the college preparing for definite Christian service, and subject to future action of the Board of Trustees.

THE ANNA L. HELWIG FUND—Anna L. Helwig donated to the college the sum of \$32,000 for the general purposes of the college. This sum is temporarily designated as endowment subject to future action by the Board of Trustees.

MEN AND MILLIONS FUND—Certain monies totalling \$66,000 received from the Men and Millions Movement of the Disciples of Christ is designated for general purposes of the college. These funds are temporarily designated as endowment subject to future action by the Board of Trustees.

ADMISSION AND INDUCTION

GENERAL REQUIREMENTS—Bethany College will accept as students only young men and young women who are well qualified to benefit from the type of educational experience and academic life available. All applicants of admission must furnish evidence of high moral character, good physical and mental health, sound scholastic preparation, and intellectual maturity. The Committee on Admissions and Classifications will consider the best interests of the applicant and the college before final acceptance is made.

Only students who are graduates of first grade high schools or preparatory schools with class rank in the upper half should apply. It is expected that all applicants will be taking regular academic work as candidates for a baccalaureate degree.

All applicants for admission must have been vaccinated within the past three years, or they must arrange to be vaccinated by the Student Health Service within one month after entrance unless excused by the Committee on Admissions and Classifications.

FRESHMAN ADMISSION—Applicants for admission to the freshman class will be judged acceptable in terms of scholastic preparation and intellectual maturity by any one of the following three plans:

I. By Certificate

Graduates of any accredited high school or secondary school may be admitted to freshman standing on presentation of statement signed by proper school authorities, showing the kind and the amount of scholastic work done, provided:

- (a) the scholastic work completed is of such quality as to place the student in the upper half of his graduating class. Exceptions to this will be made only upon adequate evidence from scholastic aptitude tests administered at the college on days designated for pre-college guidance. (See College Calendar.)
- (b) the student's record indicates the completion of at least fifteen acceptable units of secondary school work. Students from senior high schools may be admitted with eleven units of senior high school work.*

* Note: Not less than one-half unit will be accepted in any subject and not less than one unit will be accepted in any foreign language, algebra, plane geometry, chemistry, physics, or shorthand.

- (c) two-thirds of the units of secondary school work accepted for entrance must be in English, foreign language, mathematics, natural sciences, and social studies. These units should normally include three units of English, at least three units of a foreign language or social studies, and two units of mathematics or science. In the case of graduates of senior high schools the same general pattern of units is desired.

II. *By Examination*

Students who have not been regularly prepared for college in a recognized secondary school may apply for admission by making a complete statement regarding qualifications and training. Such students can be regularly admitted if they qualify in a battery of achievement examinations given at the college under the direction of the Committee on Admissions and Classifications. The examinations will be given upon the scholastic work covered by the list of secondary units approved by the North Central Association of Colleges and Secondary Schools.

College Entrance Board Examination certificates will be accepted in lieu of high school certificates or examinations by Bethany College.

III. *By Cumulative Record*

The Committee on Admissions and Classifications will receive cumulative standard test records and other objective data which may give evidence of an applicant's ability to profit by college experience. Such records or data should (1) cover at least the three most recent years of the applicant's school life, (2) provide fairly reliable information as to his intellectual capacity, (3) include an accurate record of the results of comparable achievement measures in various academic subjects. Data obtained from all tests will be interpreted in authenticated comparable terms, such as well established public school or independent school percentiles.

ADVANCED STANDING—Students from other accredited colleges may be admitted upon the presentation of evidence that they have satisfied the general requirements for admission and that they were in good standing in the institution last attended. All applica-

tions for admission from students for advanced standing must be accompanied by official certificates stating the nature and extent of college courses completed and all disciplinary or academic items that belong to such a record. Such a statement must be signed by the president or other official of the institution where the work was done.

The evaluation and acceptance of credits earned at an accredited institution will depend upon the quality of the academic work completed. Only a minimum of academic work ranked below "average" (grade C) will be accepted. Not more than sixty-five hours will be allowed for junior college work.

Credit will be allowed for work done in non-accredited institutions only by special action of the Committee on Admissions, and Classifications. This Committee may require that the applicant take a series of subject matter examinations, or that the applicant be classified one class below that attained in the institution from which the credits were presented.

A student transferring to Bethany cannot be granted a degree unless he has been in attendance at the college at least during his senior year.

SPECIAL STUDENTS—A limited number of students who are not candidates for a degree may be admitted to the college as "Unclassified students" with permission to pursue selected courses. Special application must be made for such classification, and approval for the same may be given only if the applicant can satisfy the Committee on Admissions and Classifications that he can pursue the courses with profit, that he has a serious purpose in mind, and that he can meet the general requirements as to health, character, and mental ability.

ADVANCED STANDING BY ACHIEVEMENT TESTS—Any students who have anticipated the subject matter of any of the prescriptions for degrees listed under the requirement of hours may make application to take an achievement test. If the result of this test indicates sufficient mastery of the subject the prescription will be waived. Passing the achievement tests will not give credit in hours toward the degree. The application for an achievement test should be made to the Committee on Admissions and Classifications. It should state the achievement tests which the student desires to take and the basis of his preparation for the test. The statement should include detail as to any supplementary reading done in addition to

the prescribed school work in the form of a list of titles and authors of books. The testing will be in charge of the Dean of Students and the heads of the departments concerned.

PLACEMENT TESTS FOR FRESHMEN—For purposes of educational guidance all freshmen are required to take placement examinations in certain academic subjects such as English, history, and foreign languages. These examinations are given before the final registration at the opening of the college year in order that failures due to misplacement in courses may be avoided if possible. The type of examination used is designed to test the readiness with which the student can adapt his knowledge to the requirements of college work. The results of these examinations are used to determine a student's placement in courses and in sections.

ORIENTATION PROGRAM AND REGISTRATION—The college recognizes the need of giving its newly entering students an introduction to their work, and for this purpose it requires freshmen to come to Bethany several days before the formal registration of all other students. This "Freshman Week" is devoted to efforts to help the freshmen get a proper adjustment.

The time designated for "Freshman Week" will be used for the following activities:

- a. Getting properly settled in dormitory.
- b. Registration and payment of fees.
- c. Physical examination.
- d. Placement and achievement tests which will enable the faculty to place the student in the classes for which he is best fitted.
- e. Getting acquainted with the faculty, staff, and equipment of the college.
- f. Conferences with the faculty counselor as to educational and vocational program.
- g. Social and recreational activities, such as dinners, hikes, and receptions.

Attendance during "Freshman Week" is required of all who will enter as freshmen. The dates for the 1941-1942 session are September 14 to 18, 1941.

PRE-COLLEGE GUIDANCE—Several days are set aside each year for the pre-college guidance of secondary school juniors and seniors who are looking toward college. On these days it is possible for parents and students to confer with officers of the college, to have

school records appraised, and to take college aptitude tests. Arrangement for pre-college guidance of any kind should be made with the Director of High School Relations.

METHOD OF ENROLLMENT—All business matters related to the enrollment of new students are in charge of the Director of High School Relations. The proper form to be used in making application for admission and blanks to be used in making application for a room in one of the college dormitories will be supplied by his office. The Application for Admission and the admission fee of \$10.00 should be filed as early as possible. These should be mailed directly to the Director of High School Relations.

The application form requires rather complete data as to the applicant's personal and educational background together with an official record of his scholastic preparation. The Committee on Admissions and Classifications will review applications within two weeks after they are received and notice of action taken will be sent directly to the applicant. The admission fee serves as a dormitory room reservation deposit if the applicant is accepted.

RESERVATION OF DORMITORY ROOMS—All rooms in college dormitories must be engaged in advance. In case the student remains in the dormitory for the full year, the admission fee will be refunded, except for proper charges for breakage and inspection. In the case of withdrawal from the dormitory after registration, charges for room rental are refunded on a pro-rata basis, but the deposit fee is forfeited by the student.

An applicant for admission who finds that it will be impossible to enter college can get a refund of the admission fee if notice is given to the Director of High School Relations on or before July 1, 1941.

Plans showing the arrangement of rooms in the dormitories, detailed statement of prices, and reservation blanks may be obtained from the Director of High School Relations.

EXPENSES

TUITION—The tuition each semester is one hundred and twenty-five dollars for fifteen academic hours or less. For each academic hours in excess of fifteen, an additional eight dollars is charged. No charge is made for activity courses in physical education or for Orientation taken to meet the graduation requirements.

By special action of the Board of Trustees, the tuition for alumni of the college has been set at twenty-five dollars per semester. All special fees will be charged as usual in such cases.

By special action of the Board of Trustees, members of families of home and foreign missionaries actively in service are allowed free tuition for regular academic work at the college.

ADMISSION FEE—A fee of ten dollars is required with each Application for Admission. This fee is used as a guarantee deposit on rooms for students planning to live in one of the college dormitories. If the applicant is not planning to live in a college dormitory the fee will be applied on the tuition charge.

ROOM RENT IN COCHRAN HALL—The rent for rooms in this hall for young men ranges from \$60.00 to \$75.00 per semester for each student. Single rooms and double rooms, and suites are provided. Permission for installation of radios and special electrical equipment must be obtained from the officer in charge of the hall and a charge may be assessed for such items. The rental charge includes the use of bed linen, electric lights, and janitor service.

Bed linen, bedspreads, and curtains are furnished and laundered for all residents. Porter service is provided for the entire building. Young men rooming in this hall are expected to furnish their own blankets, towels, study lamps, and rugs. The hall is completely closed during the Christmas and spring vacation periods. Rooms must be engaged in advance.

ROOM RENT IN WOMEN'S RESIDENCE HALLS—The rent for rooms in Phillips Hall for young women range from \$60.00 to \$80.00 per semester for each student. Single rooms and double rooms are available.

The rent for rooms in Helwig House for young women is \$55.00 to \$60.00 per semester for each student. Single rooms and double rooms are available.

The rent for rooms in Gateway Hall for young women is \$60.00

per semester for each student. Single rooms and double rooms are available.

The rental charge in Phillips Hall, Helwig House and Gateway Hall includes such items as electric lights, janitor service, use of kitchenettes, and laundries. Permission for the installation of radios and special electrical equipment must be obtained from the Head of Residence and a charge may be assessed for such items.

Young women living in these Halls are expected to furnish comforts, blankets, sheets, pillow cases, towels, study lamps, and rugs. Maid service for the care of the rooms is not provided. The Halls are completely closed during the Christmas and spring vacation periods. Rooms must be engaged in advance.

ROOM RENT IN DORMITORY HOUSES—Rooms in these houses are for young women affiliated in a sorority group. They are rented by the individual student who signs a rental contract for her room under the same conditions which apply in other residence halls but the sorority group is responsible for providing a minimum number of occupants. If this number is not provided the group can be charged a monthly rental to take care of the loss of income to the college.

The rent for rooms in these houses for young women ranges from \$45.00 to \$55.00 per semester for each student. Single and double rooms are available. The rental charge covers the cost of utilities service but the expense for the care and supervision of the houses is the responsibility of the sorority. Permission for the installation of radios and special electrical equipment must be obtained from the Head of Residence and a special fee may be assessed for certain such items.

Young women living in these houses are expected to furnish comforts, blankets, curtains, sheets, pillow cases, towels, study lamps, and rugs. They are expected to care for their own rooms. These buildings are completely closed during the Christmas and spring vacation periods.

BOARD FOR WOMEN—Board in Phillips Hall is for young women only and the charge is \$6.00 per week. All young women students are expected to board there. The price of board in Phillips Hall is subject to revision in case of a change in general price levels.

BOARD FOR MEN—Board in the Bethany House is for college men and the charge is \$6.00 per week. All first year men students and all men students not boarding in approved places are expected

to board there. The price of board in the Bethany House is subject to revision in case of a change in general price levels.

HEALTH AND MATRICULATION FEE—A health and matriculation fee of \$10.00 each semester is charged to all students. This fee covers the special services that are ordinarily charged for student health fee, library fee, gymnasium fee, etc.

STUDENT ACTIVITIES FEE—A student activities fee of \$10.00 each semester is charged to all students. This fee provides for participation in athletic competition and contests, an interesting program of lectures and concerts, and a variety of extra-curricular activities directly managed by the Student Board of Governors.

ESTIMATED EXPENSES FOR YEAR

FOR MEN:

Tuition (\$125.00 per semester)	\$250.00
(Includes fifteen academic hours or less. For each academic hour in excess of fifteen, an additional \$8 is charged. No charge is made for required courses in orientation and physical education.)	
Room (\$60 to \$75 per semester)	\$120.00 to \$150.00
(Cochran Hall. Includes heat, light, bed linen, and porter service.)	
Board at Bethany House (\$6.00 per week)	\$204.00
Student Activities Fee (\$10 per semester)	\$ 20.00
(This fee provides for participation in athletic competition and contests, program of lectures and concerts, student publications, college social functions, and all extra-curricular activities.)	
Health and Matriculation Fee (\$10 per semester)	\$ 20.00
(This fee covers the special services that are ordinarily charged as student health fee, library fee, gymnasium fee, etc.)	

FOR WOMEN:

Tuition (\$125 per semester)	\$250.00
(Includes fifteen academic hours or less. For each academic hour in excess of fifteen, an additional \$8 is charged. No charge is made for required courses in orientation and physical education.)	
Room \$55 to \$80 per semester)	\$110 to \$150.00

(Includes light, heat, janitor service, use of kitchenettes and laundries. Young women are expected to furnish bed linen, blankets, etc. Rooms are available in Phillips Hall, Gateway Hall, and Helwig House.)

Board at Phillips Hall (\$6.00 per week) \$204.00

Student Activities Fee (\$10.00 per semester) \$ 20.00

(This fee provides for participation in athletic competition and contests, program of lectures and concerts, student publications, college social functions, and all extra-curricular activities.)

Health and Matriculation Fee (\$10 per semester) \$ 20.00

(This fee covers the special services that are ordinarily charged as student health fee, library fee, gymnasium fee, etc.)

MISCELLANEOUS FRESHMAN FEES REQUIRED FOR BOTH MEN AND WOMEN:

Admission Fee (All new students) \$ 10.00

(This fee must be paid before any action is taken on applications for admission. It also serves as a room reservation and breakage fee and is refunded at the end of the year provided no damage is done to the room or its equipment.)

Freshman Week Fee (First semester only) \$ 10.00

(Freshman testing program, etc.)

Deposit for Dormitory Room Key \$ 1.00

(Refunded on return of Key.)

Total required Fees for Men \$614.00 to \$644.00

Total required Fees for Women \$604.00 to \$654.00

To the above cost must be added the cost of books, clothing, laundry, travel, and personal spending money. The cost of books per year averages \$20 to \$25. The other items are not unusual but will be determined by the individual student. Expenses after the freshman year vary with the program of the individual. The college is required to collect the West Virginia sales tax on board and room.

MUSIC FEES

Private Lessons, two lessons a week, per semester \$50.00

Private Lessons, one lesson a week, per semester 27.00

Organ Practice, one hour each day, per semester	20.00
Piano Practice, one hour each day, per semester	5.00
Piano Practice, three hours per week, per semester	3.00
Practice Room for instrumental music, one hour each day per semester	2.00

LABORATORY AND COURSE FEES

Biology 11, 12, 36, 57, 58, 65, 76, 78	\$ 6.00 per semester
Biology 53, 54	7.00 per semester
Biology 67	5.00 per semester
Biology 91-92 (each hour)	6.00 per semester
Chemistry 11, 12	6.00 per semester
Chemistry 25, 26, 51, 52, 58	7.00 per semester
Chemistry 61, 62, 65, 66	8.00 per semester
Chemistry 63, 64	5.00 per semester
Chemistry 45, 75, 76, 91, 92 (each hour)	4.00 per semester
Education 61	2.00 per semester
Education 81, 82	20.00 per semester
Speech and Dramatics 45, 46, 47, 48	2.00 per semester
Mathematics 21	2.00 per semester
Mathematics 22	4.00 per semester
Physics 31, 32, 55, 56, 63, 67, 68	4.00 per semester
Physics 91, 92 (each hour)	4.00 per semester
Psychology 53, 64	3.00 per semester
Secretarial Training 11, 12, 21, 22, 49	5.00 per semester

OTHER SPECIAL FEES

Comprehensive examination for students not in residence . . .	\$25.00
Each academic hour when less than twelve, per semester . .	10.00
Each change in registration after first two weeks	1.00
Freshman week fee	10.00
Room reservation fee for upperclassmen	5.00
Late registration, first three days, per day	2.00
Special final examination in any department or course	2.00
Special placement or achievement test in any department . . .	2.00
Transcript fee (After first issue)	1.00
Graduation and Diploma fee	10.00

BREAKAGE AND GUARANTEE DEPOSITS

Certain fees are charged to cover cost of materials placed in the hands of students or as a guarantee of proper performance of duties assigned. Unused balances of these fees are refunded at the end of the college year.

Biology 34	\$ 5.00 per semester
Biology 53, 54	3.00 per semester
Chemistry 11, 12, 45, 75, 76, 91, 92	3.00 per semester
Chemistry 25, 26, 51, 52, 58, 63, 64	6.00 per semester
Chemistry 61, 62, 63, 64, 65, 66	7.00 per semester
Chemistry 81, 82 (Travel)	10.00 per semester
Key deposit for all dormitory rooms	1.00
Deposite on locker in gymnasium	1.00
Guarantee Deposit for Student Employment ..	5.00

NOTE: A deposit on locker keys is charged to all students enrolling in activity courses in physical education or to those reserving lockers in the gymnasium for personal use.

PAYMENT OF ACCOUNTS

Tuition, room rent, student fees, health and matriculation fees, and other special fees are due and payable on Registration Day of each semester. Board in Phillips Hall and the Bethany House is charged for the entire semester and must be paid at least two weeks in advance. All accounts are payable to the Bursar of Bethany College.

Upon request, a period of two weeks after the opening of the semester may be allowed for the payment of tuition, room rent, and fees as listed on the invoice. It is required in each case, however, that the student shall make a minimum cash payment of at least \$50.00 on the Registration Day of each semester. Students are not considered to be properly enrolled any semester until this minimum payment has been made. Scholarship awards do not apply on the required minimum payment. In case the student's account is less than \$50.00 full payment of the same is required in advance.

All accounts must be paid in full within two weeks after registration. For the first semester of 1941-1942 the final day for settlement of accounts is October 1, 1941, and for the second semester the final day is February 16, 1942. Arrangements may be made for a deferred payment on accounts by proper application. When tui-

tion, room rent, and fees are not paid on the Registration Day, the same are charged with an additional ten per cent carrying charge which is added to the college account. This carrying charge is cancelled upon any part of the account that is paid during the two weeks period. After that day, this charges becomes a part of the regular account and must be settled for under terms described below. There can be no change in the tuition or fees charged a student because of a reduction in credit hours in his schedule of courses after the first two weeks of any semester.

When arrangements have been made to take care of the student's account by deferred payment, an application for deferred payment, addressed to the Committee on Financial Aid, must be filed in the Bursar's Office before or at the time of registration. This application must state the student's willingness to sign a note to cover the balance due to the college. These notes must be signed by the student and endorsed by the parents or guardian. These are drawn so that the installments will fall due on the fifteenth of each month in amounts agreed upon in connection with the approval of the application for deferred payment. These notes, properly executed, must be in the Bursar's Office before the end of the period of two weeks allowed for the settlement of accounts.

No student will be allowed to take final examinations or to receive academic credit of any kind in any semester until all his financial obligations to the college have been met. In case a student withdraws from college, all charges except certain special fees are refunded on a pro rata basis, figured to the end of the week on which the withdrawal takes place. Scholarship awards are not applied on the accounts of students who withdraw before the end of the semester.

Checks in payment of all college accounts should be made payable to Bethany College, Bethany, West Virginia.

Freshmen will register Monday, September 15, 1941, and "Freshman Week" fee is payable on this day at the Bursar's Office. The "Freshman Week" fee covers board and room for the days of this week that are given over to freshman orientation and placement activities.

Final registration for freshmen is on Thursday morning, September 18, 1941, and all accounts for freshmen are payable at that time. All other students will register and make payment of their college accounts on Thursday afternoon, September 18, 1941. Regis-

tration for the second semester is February 3, 1942, and all second semester accounts are payable on that date.

OPERATION OF DORMITORIES

Room assignments in all college dormitories are made for the academic year. For freshmen they are made in the order of application; for upperclassmen, in the order of class membership, supplemented by the drawing of lots. Any request for a change of assignment must be approved by the officer in charge, and a new contract issued. Preference is given to upperclassmen only up to May 1.

Double rooms may not be occupied by one student without extra charge. In case a student withdraws from college, charges will be refunded on a pro rata basis figured to the end of the week in which the withdrawal takes place.

Dormitories will be open for freshmen from Saturday noon, September 13, 1941. Regular meals will be served beginning Sunday evening, September 14th. Dormitory rooms will be open for upperclassmen Thursday noon, September 18th and the first meals for upperclassmen. The dormitories will not be open during any vacation period. Lower division students will be expected to vacate their rooms by Saturday noon, June 6, 1942, unless special permission has been granted for these rooms to be occupied for a longer period of time.

Bethany College reserves all rights in connection with the assignment, termination of occupancy, and re-assignment of rooms in all dormitories.

It is further understood that the College reserves the right to make legitimate charges against the room and breakage deposit fee for any damage done to the room or its furnishings, and to demand forfeiture of the key deposit fee if keys are not returned immediately after a room is vacated.

SCHOLARSHIPS AND FINANCIAL AIDS

FRESHMAN SCHOLARSHIPS

HONOR SCHOLARSHIPS—By action of the Board of Trustees, the administration of the college has been authorized to award scholarships to the amount of \$250 to entering freshman students who rank in the highest honor group of secondary school graduating class. Such a scholarship provides a stipend of \$100 for the freshman year, \$75 for the sophomore year, and \$75 for the junior year. The award will not be continued beyond the freshman year if the student fails to maintain an academic point average of 1.5.

A limited number of scholarships in the amount of \$175 are available to entering freshmen who rank high in secondary school graduating class and who would not be able to attend college without such financial help. Such a scholarship provides a stipend of \$75 for the freshman year, \$50 for the sophomore year, and \$50 for the junior year. The award will not be continued beyond the freshman year if the student fails to maintain an academic point average of 1.25.

Scholarships for freshmen are open only to students who merit such awards because of their academic accomplishments at the secondary school level. The stipends that go with each award are applied on the tuition charge at Bethany College on the basis of one half for the first semester and one half for the second semester.

COMPETITIVE SCHOLARSHIP EXAMINATIONS—Early in the spring the college holds a competitive examination for high school seniors, and thirty scholarships ranging in amount from \$600 to \$800 are awarded to students making high scores on the examination. These awards are on the basis of \$150 or \$200 for each of the four college years. The competitive examination for the 1942-1943 awards will be held at the college on April 25, 1942, and May 9, 1942. The competitive examination for the 1941-1942 awards will be held at the college on April 26, 1941, and May 10, 1941.

Those receiving scholarship awards by means of high standing in the competitive examination must maintain an academic point average of 1.5 after the freshman year in order to have the stipend continued.

REGIONAL ALUMNI SCHOLARSHIPS—Ten regional alumni scholarships are to be awarded to freshmen of unusual ability upon

recommendation of the alumni groups in various districts. These are located all over the United States and are designated by the Bethany College Alumni Association in collaboration with the administration of the college. These scholarship awards are for an amount of \$600 applicable on the tuition account of the student at the rate of \$75 per semester. The scholarship may be discontinued at any time the student fails to make an academic point average of 1.5 at the end of any one semester.

To be eligible for any one of these awards, the student must come from the upper quarter of his high school or preparatory school graduating class, he must have demonstrated interest in extra-curricular activities by active participation, he must be well recommended by responsible school officers, and he must have the endorsement of Bethany alumni in his area.

GENERAL REGULATIONS—All scholarships for freshmen are awarded by the Committee on Financial Aid after consultation with the Committee on Admissions and the Director of High School Relations. It is intended that freshman awards should apply for the full year but no award will be continued beyond the first semester if the student fails to abide by the regulations and ideals of the college. Applications must be filed with the Director of High School Relations on or before August 20, 1941. All applications from new students must be accompanied by a transcript of secondary school work and the required Application for Admission.

Students will be eligible to receive only one award. Students qualifying for more than one must select the award which they prefer to accept.

SCHOLARSHIPS FOR UPPERCLASSMEN

TRUSTEES SCHOLARSHIPS—Sophomores, juniors, and seniors may apply for scholarship awards to the amount of \$50 to \$150, which have been authorized by the Board of Trustees for students above the freshman rank who maintain a high grade of academic work and who would be unable to continue in college without such financial assistance. It is expected that in each case the applicant shall have met the following conditions:

1. His academic record must be above 1.25 average in the academic year preceding the application.
2. His financial obligations to the college met promptly.

3. His influence on the student body in every sense wholesome.
4. His continuance in college dependent upon some financial assistance.
5. He shall have made a worthwhile contribution to the life of the college and the college program.

Scholarships of \$150 are not usually awarded to students who have other forms of financial aid such as student employment. Academic standing and accomplishment are the chief criteria for scholarship awards.

It is understood that the following reasons will operate to cancel this scholarship for the next semester:

1. Failure to maintain an academic point average of 1.25.
2. Serious academic censure for any cause.
3. Unsatisfactory conduct.

All applications for scholarship awards from members of the present student body must be filed on or before May 26, 1941. Applications received after that date cannot be acted upon for the next college year. When a trustee scholarship is awarded the recipient is asked to sign a statement indicating his acknowledgment of an obligation and his intent to pay same after graduation.

All applications for scholarships for upperclassmen should be filed with the Dean of Students.

DESIGNATED SCHOLARSHIPS—The following scholarships have been especially designated by friends of the college and are subject to such special provisions as are mentioned:

MARY A. MORRISON SCHOLARSHIP—This is a scholarship covering three-fourths of the cost of tuition. The student enjoying the benefit of this scholarship is to be named by the administration.

ISAAC MILLS SCHOLARSHIP—This scholarship covers a part of the tuition charge, the benefits of which are to be received by a ministerial student.

G. A. WILLETT SCHOLARSHIP—This scholarship of \$100 per semester applies on tuition. The student receiving the benefits of the same is to be nominated by a member of the Willett family.

ISAAC BROWN SCHOLARSHIP—This scholarship covers \$30 on tuition cost per semester.

ALBERT C. ISRAEL SCHOLARSHIP—This scholarship yields \$20 per semester to apply on tuition of a descendant of Albert C. Israel.

JENNIE I. HAYES SCHOLARSHIP—The income from this scholar-

ship fund is awarded for the purpose of helping students who are preparing for the mission field or the ministry. The students who receive the benefits of this scholarship are to be nominated by the donor.

IDA M. IRVIN SCHOLARSHIP—The income from this scholarship fund is awarded to students who have reached the senior year in their college course. The students receiving benefits from this scholarship are to be nominated by the Committee on Student Aid after consultation with the donor.

HERBERT MONINGER SCHOLARSHIP—A scholarship endowed in memory of Mr. Herbert Moninger, a graduate of the college. The annual income of this scholarship is to be used to help some worthy student.

JOSIAH WILSON SCHOLARSHIP—As a memorial to Josiah N. and Wilmina S. Wilson and Nora B. Wilson a scholarship fund was established by Josiah N. Wilson. The income is used to aid some student or students who are preparing for the Christian ministry.

M. M. COCHRAN SCHOLARSHIPS—Several scholarships covering a part of the tuition charge. The students who receive the benefits of these scholarships are to be nominated by the President of the college.

Students getting designated scholarships must meet the same general requirements as for Trustee Scholarships but they are not expected to sign a statement indicating intent to repay the amount of the award.

RECOMMENDATION SCHOLARSHIPS—High school seniors in the Pittsburgh area are often recommended for scholarship awards on the basis of aptitude tests administered under the sponsorship of the Civic Club or the endorsement of the Phi Beta Kappa Association of Pittsburgh. In each case, the final award is in the hands of the college administration, but the recommendation or endorsement is almost always given favorable consideration. Awards to students who have such recommendation are usually \$150 for each of four years.

MINNIE W. SCHAEFER FUND—A fund of \$5,000 set up by the will of Mrs. Minnie W. Schaefer of Mt. Vernon, Ohio, the income of which is to be awarded to students planning for definite Christian service.

J. T. SMITH FUND—A fund of \$17,500 established by J. T.

Smith of Memphis, Tennessee, the income of which is to be made available for students preparing for the Christian ministry or some other form of Christian service.

RHODES SCHOLARSHIPS—Men who have completed their sophomore year at Bethany College are eligible to compete for the Cecil Rhodes Scholarship, tenable for three years at Oxford University, England, with a stipend of \$1,500 each year. These scholarships are awarded on the combined basis of character, scholarship, athletic ability, and leadership in extra-curricular activities. Further information may be obtained from the Dean of Students. These scholarships have been suspended for the duration of the war in Europe.

SENIOR FELLOWSHIPS—Upon careful recommendation certain members of the junior class are designated as Senior Fellows during the following year. The selection is made only of students who have attained unusual excellence in the field of their major study and who by character and ability can do special work in a major department, as an assistant in some phase of instruction or research. The Senior Fellowship carries a small stipend. Not more than six senior fellowships are awarded in any one year.

The selection of Senior Fellows is made by the Committee on Honors from the nominations of department heads. It is intended that each Senior Fellow shall be given freedom to pursue the intellectual life and that he shall have the benefit of tutorial instruction in the department in which he works.

FOREIGN EXCHANGE FELLOWSHIPS—Through the Institute of International Education Bethany College offers to suitable graduates the privilege of candidacy for fellowships for graduate work in South American and European universities. Candidates for these fellowships must have a fair knowledge of the language of the country to which they are sent. They must have been graduated with a superior record in scholarship, and must be representative of the best type of American student. Applications must be in the hands of the Dean of Students by January 10. Each Fellow will be assigned to the university selected by the foreign exchange office of the Ministry of Education in the country concerned.

Each year at least two students from foreign countries come to Bethany to study on fellowships provided by the college administration. These students come to interpret their own people and their national culture to American student life. These awards are made only to students who are recommended by the Institute of International Education.

FINANCIAL AIDS

BETHANY COLLEGE LOAN FUND—By the action of the Board of Trustees, the several loan funds of the college have been consolidated into the Bethany College Loan Fund. Loans from this fund may be obtained by students on complying with the conditions governing the same. Approved security is required from all those borrowing from the fund. The amount of money that any student can borrow in a single year as well as the total amount available to any student is limited by the size of the fund. Money is loaned without interest while the student is in Bethany College. All notes bear interest from the date of their maturity.

Applications for loans must be made to the Committee on Financial Aid through the Executive Secretary. The Committee will meet to review such applications on September 5, 1940, January 10, 1941, and May 10, 1941. All financial obligations to the college including the loan fund must be paid before an official transcript of the student's academic record can be issued.

The Loan Fund was started by gifts from the Hon. T. W. Phillips of New Castle, Pennsylvania, who donated to the Trustees of the College a total of \$10,000 for this purpose more than fifty years ago. Other gifts and accrued interest together with appropriations from the general funds of the college have increased the total fund. The notes receivable now total \$55,243.08.

STUDENT EMPLOYMENT—Limited opportunities for students to earn money for college expenses are afforded, but under no circumstances is it possible for a student to earn all of his expenses. The college will not undertake to provide student employment of any kind beyond \$100 as a total for one year.

Students may be designated as assistants in the various departments of the college, or to work on special projects which may be undertaken by members of the faculty. Women students are sometimes employed for clerical, stenographic, or library work at the college, or in kitchen or dining room work at Phillips Hall. There are occasional opportunities for employment in certain of the homes in the village. Men students are often placed in maintenance or janitor work at the college. Other opportunities open are waiting table, tending furnaces, doing household work, etc. During the past five years many opportunities for student employment were furnished through the National Youth Administration.

Applications for student employment must be filed on a proper form and must be accompanied by a deposit of \$5.00 as a guarantee of faithful performance. In case work is not obtained the deposit will be refunded. The college is not able to assure any student of continuous employment. A careful study of the student's needs and general welfare will be made by the committee caring for student employment as each application is considered. Applications for student employment should be filed with the Executive Secretary.

Prospective students should not consider beginning a college career unless adequate financial arrangements have been made for at least the first year. A few students may find it possible to earn enough money to pay part of their expenses. It is advisable, however, for the new students to adapt themselves academically before attempting outside work.

PLACEMENT

The Admissions and Personnel Office is concerned with placement service and its facilities are available for students and prospective employers. It assists students needing to secure part-time employment while attending college and those who need to find summer work; it helps members of the graduating class who are seeking their first positions or making applications for graduate fellowships; and it gives as much assistance as possible to alumni who keep in touch with the office. The office does not undertake to find employment for anyone or to assume the responsibility for making all contacts with prospective employers. One of the most helpful services which the office is able to render to seniors and graduates is that of collecting confidential letters of recommendation from the faculty members, academic and personal data, and then making these available to employers, graduate schools, etc., to which the candidate applies. No charge is made for this service.

Employers are encouraged to use the Admissions and Personnel Office in filling positions and they are assured that their interests as well as those of the candidates will be considered. Correspondence and personal visits are invited in regard to positions for which college trained men and women are desired and in regard to summer work which can be done by college students. Letters should be addressed to the Dean of Students or to the Recorder.

EDUCATIONAL PROGRAM

INSTRUCTION

The dominant tone in the instructional activities at Bethany College is an emphasis upon the common adventure of students and instructors in learning and living. The whole college experience is interwoven with opportunities for exchanging ideas, for giving and absorbing inspiration, and for all kinds of cordial faculty-student relationships. The student is encouraged to find and further himself in the intellectual life, and, with the help of faculty counselors, to use all of the college resources in terms of valid educational objectives.

The instructional and guidance plan of the college makes it possible to treat students as individuals with differences in experience, attitudes, and interests. During the first two years, there are frequent individual conferences for the student with his counselor on the progress in courses, projects of study undertaken, and total adjustment in academic, vocational, and social matters. During the last two years of the college experience independent work and self-propelled study are given greater consideration. In regular courses the writing of papers upon projects involving independent research and critical thinking is emphasized, and conferences upon these papers involve close discussion with instructors as to content, soundness and effectiveness of the students' work. Special problems courses for individual study may be planned for reading and research in materials not covered by the formal courses, and in the laboratories minor research is promoted. Systematic reading and independent study of all kinds during the summer as well as during the college year, are encouraged and occasionally these form part of a student's formal program.

The college strives to be a democracy of teaching and learning, in which the give-and-take of discussion between students and instructors in frequent group conferences, in individual tutorial work and in the laboratories, encourages the development of the students' judgment and critical insight. Problems are freely and concretely discussed in an atmosphere of lively criticism. The character of the college plan, a small and select student body and a relatively large faculty primarily interested in teaching and counseling, contribute to effective intellectual activity.

The Academic Council and the Dean of the Faculty give direction and supervision to the instructional program of the college.

LOWER DIVISION

The college curriculum and general plan of instruction recognize a lower division and an upper division. The lower division represents the traditional freshman and sophomore years, and the upper division the traditional junior and senior years. These divisions reflect the progression and educational growth that is expected of students as well as the differences in instructional procedure and purpose of the curriculum at the two levels.

The work of the lower division is intended to complete what is usually termed a "general education" and it represents the undergirding of the student's cultural and academic experience. It is based on the belief that the student should become familiar with different fields of knowledge and that the program of general education offered in higher institutions should be essentially a continuation, on a higher level, of academic work in the secondary school. Students are urged to elect widely in the instructional departments of the college and every major department has survey courses for the lower division students.

One of the chief objectives in the first two years is for the student to discover the field or fields of human achievement in which he possesses a marked and sustained interest combined with distinct ability. Some of the freshmen know what they want to do in college and will have valid reasons for so doing. Others have temporary enthusiasms, preferences and aversions based upon inadequate school experience. Still others, although of good intellectual ability, have no well-defined intellectual purposes or interests. Oftentimes there is need to explore the possibilities in several of the instructional departments of the college. During either the secondary school or college years such exploration is a necessary basis for the intelligent choice of a field of major work. In the selection of subjects or groups in the lower division, the student may be guided somewhat by the nature of the subjects taken in the secondary school so that by the close of the second year he will have a general acquaintance with several fields of knowledge.

In the lower division the student usually completes the prescribed courses for graduation and he may elect some course work in a major field. The courses usually elected by freshmen include a foreign

language, science or mathematics, history or political science, English, and physical education. An orientation course dealing with college adjustment and vocational selection problems is required as a part of the freshman year. A general survey examination is given at the end of the lower division work. The individual profiles from this examination are used for educational guidance. This examination is given under the direction of the Committee on Measurement and Guidance of the American Council on Education.

UPPER DIVISION

In the upper division all students work directly under the professor in charge of the major subject. The teaching procedures and materials give emphasis to individual initiative and concentrated work. As far as possible the student's work is library-and-laboratory centered. Extensive reading, problems, and seminars are regular procedures in upper division instruction. The development of an ability to form thoughtful judgments and evaluations, the "attitude of the searcher," and sustained intellectual interests, are a part of the instructional aims at this level. A comprehensive examination, oral and written, in the major subject is required near the end of the senior year.

Students are expected to select their major and minor work in departments that offer adequate courses, and in the upper division a large part of the student's program will center about this department and its allied fields. The major work should be planned as a unified and coherent whole. It should not consist of a series of unrelated courses. Course distinctions need be retained only to such an extent as may be necessary to fit the existing machinery of the college, but they are not to be made sufficiently rigorous as to interfere with the establishment of a properly unified major. The major may be confined to the work of a single department, or related departments may offer "functional majors" embracing work in two departments, if the work is planned and administered as a homogeneous unit.

COMPREHENSIVE EXAMINATION

Near the end of the senior year, as a final prerequisite to the degree, each student is required to pass a comprehensive examination—written and oral—in his major subject; an examination which

tests the accomplishments of the student in the whole range of the major. The written part of the examination is given in two days by the major department. The oral part is given at some designated time by a committee selected by the major department from the faculty of any accredited college or university. No course examinations are required at the end of the final semester unless the student is not doing satisfactory work in a course. The instructor of that course may then require the semester examination as a final evaluation.

The comprehensive examination is set and graded with the following points in mind: it shall constitute a test of the major subject as a whole and shall offer the opportunity to the student to show his powers of independent thought in that field; it shall not be a test in which the main stress is put on the memorization and repetition of facts; it shall not be a test, the passing of which is unduly difficult of attainment by students of ordinary intellectual ability who have honestly attempted the work of synthesizing the material of the major subjects; and it shall, at the same time, be a test sufficiently searching so that each student may have the opportunity of showing to what extent he may have progressed in his powers of handling material in his chosen subject.

A reading period of two weeks is set aside each year for all seniors who want to make a final review of materials before the examination dates. Candidates for degrees are expected, however, to use the entire senior year in making a review and synthesis of their major work.

STUDENT GUIDANCE

From the beginning of his college career each student has an individual faculty counselor. After the freshman year the counselor is normally a faculty member in the field in which the student is doing his major work. The student has unusual opportunities to be in frequent contact with his counselor, and reports of accomplishment and difficulties can be made directly to him. The student-counselor relationship, including in its range the student's entire personal and educational development, occupies a significant place in the college plan at Bethany. So far as possible it replaces general faculty regulations with an individualized program aiming at continuity, correlation and integration of work. These counselors, while ministering to all the needs of the student, have as their most

important function the interpretation and presentation of sound educational objectives.

The counselor is concerned with the student's selection of courses, his academic progress, standards of conduct, vocational plans and objectives, recreational and social expression. It is hoped that in personal counseling with faculty members there may be implanted in the student a vivid notion of definite and feasible goals toward which he can shape his course and an appreciation of the ideals of scholarship and character that belong to the best traditions of the academic world.

The chief officer in charge of student welfare, student guidance and the coordination of all personnel administration is the Dean of Students. His office is intended to unite all the functions and activities which relate themselves to the personal and educational development of individual students so that there may be an adequate understanding of their problems and a planned solution for the same. The Dean of Students shares in the counseling activities, giving a major part of his time to confronting and dealing with individual students and their adjustments to the college experience and to the larger society. Students may use his office and staff freely in all matters that concern their personal interests and needs as well as their educational progress and development.

The direction of policies related to student welfare, guidance and personnel administration, is undertaken by the Council on Guidance and Personnel. In some instances members and officers of the student body meet with the Council and participate in the development of policies and plans. The Council serves as a coordinating group and its membership includes college officers representing the academic, social, health, religious, residence, and adjustment phases of student personnel administration.

COOPERATIVE STUDY

With twenty-one other colleges and universities Bethany College is now participating in a cooperative study of general education. This study is sponsored by the American Council on Education and is under the direction of Dr. Ralph W. Tyler and a central staff of experts of the University of Chicago. It is the purpose of this study to make a thorough evaluation of the program of the college, primarily for the first two years of collegiate work. This cooperative study which began in 1939 will continue for three years at which

time there will be a general evaluation of the results. Professor Eliassen is the liaison officer for the Bethany faculty. The general direction of the study at Bethany is in charge of the Academic Council.

The college is participating in other studies directed by the North Central Association of Colleges and Secondary Schools and other educational agencies.

SUGGESTED CURRICULA

GENERAL PLAN—The predominant idea in the curriculum at Bethany College is to provide sound instruction in the liberal arts and sciences. By grouping courses a student can prepare himself for certain rather specific vocational or professional purposes.

The faculty has authorized the Council on Guidance and Personnel to list "suggested curricula" which combine courses offered in various departments of the college for the guidance of students. These can be so planned that they meet the requirements for the baccalaureate degree and at the same time serve genuine vocational objectives. It is not intended that these should be rigid requirements but rather the careful judgment of the Council on Guidance and Personnel as to how the curriculum can serve individual students as they plan for certain post-graduate careers. These are described in this section.

FIRST YEAR—In most cases the general requirements for the freshman year will fit into the later educational and vocational plans for students. Most freshmen should plan to enroll for courses about as follows for each semester of the first year.

1. English composition or literature 3 hrs.
2. Foreign Language 3 hrs.
 French, German, Spanish, Greek, Latin
3. History or Political Science 3 hrs.
4. Orientation II-12 1 hr.
5. Physical Education 1 hr.

and six semester hours elected from courses open to freshmen in the various departments of the college. These include:

Biblical Literature	Mathematics
Biology	Music
Chemistry	Physical Education
Economics	Secretarial Training
Library Science	Sociology

Deviations from this program can be made with the advice and consent of the faculty counselor because each student is recognized as an individual whose training in the past and whose plans for the future may differentiate him from his fellows.

SECOND YEAR—All students are strongly urged to complete the general course requirements for graduation by the end of the second year in college. The major field must be selected by the end of the sophomore year and the foreign language requirement should be satisfied.

The graduation requirement in foreign language must be completed before the student can become a candidate for a degree. Courses in physical education, philosophy, literature, art appreciation or music appreciation are recommended.

BUSINESS ADMINISTRATION

As preparation for entering any of the occupations in the general field of business or any of the business activities of government, commercial and regulatory, students can get broad and helpful training by taking their major work in economics and business administration. Related courses in sociology, political science, mathematics and psychology should be elected. Students considering going into business administration or those who wish to prepare for specialized training in graduate or technical schools in this field are referred to Professor Crobaugh.

LOWER DIVISION

Economic Geography (Econ. 34)	Mathematical Analysis (Math. 11-12)
Principles of Economics (Econ. 43-44)	Mathematics of Finance and Investment (Math. 38)
Statistics (Econ. 47 or Math. 37)	Public Speaking (Speech 41-42)
Elementary Accounting (Econ. 45)	General Psychology (Psychology 31-32)
Intermediate Accounting (Econ. 46)	
General Sociology (Soc. 31-32)	

UPPER DIVISION

Money and Banking (Econ. 51-52)	International Economic Policies (Econ. 73)
Labor Problems (Econ. 53)	Economic Theory (Econ. 83-84)
Insurance (Econ. 54)	Advanced Accounting (Econ. 63)
Public Finance (Econ. 55)	Cost Accounting (Econ. 64)
Business Administration (Econ. 61)	Corporation Finance and Investments (Econ. 68)
Marketing (Econ. 62)	Industrial and Business Psychology (Psych. 65-66)
Business Law (Econ. 65)	
Public Administration (Pol. Sc. 58)	
Public Utilities (Econ. 56)	

EDUCATION—TRAINING OF TEACHERS

Students who are preparing for teaching in secondary schools or for guidance counselors in social or educational fields can get professional training in the Department of Education.

Properly qualified candidates for teaching certificates are privileged to observe and do practice teaching in the secondary schools of Brooke County. The Bethany High School is regularly used for practice teaching. The excellent schools of Wellsburg, Warwood, Avella, and Steubenville are accessible and are available for observation in special subjects.

STATE RECOGNITION—The Departments of Public Instruction of New York, Pennsylvania, Michigan, Illinois, Ohio, West Virginia, and several other states have placed Bethany College on the approved list of schools for the training of teachers. This means that graduates of Bethany College may teach in the secondary schools of these states without taking the usual teacher's examination, provided they complete courses that satisfy the requirement of the state in which the teaching is to be done.

HIGH SCHOOL TEACHING—Students who have chosen high school teaching as a vocation should take their major or minor work in subjects that are taught in modern high schools. Professional requirements for teaching certificates in the various states may be met by electing proper courses in the Department of Education. Prospective teachers are advised to consult with Professor Eliassen near the close of the freshman year concerning courses necessary to meet requirements of certain states. It is recommended that only students of high academic standing prepare for teaching.

SPECIAL FIELDS—The continued demand for well trained teachers in the special fields of music, physical education, and commercial education should attract a number of students. Meeting the state requirements for teaching in these three fields is somewhat more complicated than for the regular academic subjects. Students are therefore, urged to carefully check their programs with the respective heads of departments each time they register.

ELEMENTARY SCHOOL TEACHING—Students who wish to prepare for teaching at the elementary school level may select certain courses, i.e. hygiene, music, child psychology, educational psychology, introduction to education, educational measurements, mental hygiene, educational sociology, philosophy of education, history

of education, mental measurements, and visual and auditory education which are approved for the usual elementary certificate. Prospective elementary school teachers are advised to consult with Professor Eliassen concerning the exact courses necessary to meet requirements of certain states.

GUIDANCE COUNSELORS—Students wishing to prepare for work as guidance counselors in high school may do so by electing the proper courses. Members of the Department of Education, particularly Dean Kirkpatrick, should be consulted for information concerning the requirements for guidance certificates in various states. In some states the following courses are needed to secure guidance certificates:

Measurements (Ed. 61 or Psy. 62)	Labor Problems (Econ. 53)
Guidance (Ed. 72)	Abnormal Psychology (Psy. 58)
Principles of Economics (Econ. 43-44)	Business Administration (Econ. 61)

FIFTH YEAR—Students who are preparing to teach often find it difficult to secure a well rounded liberal arts background in addition to meeting the academic and professional requirements for certification in one or more states. The Department of Education sometimes recommends that certain students who are preparing to teach should plan to spend a fifth year in studying professional courses and especially to do practice teaching.

Beginning in 1943, New York State will require a fifth year of preparation for teachers in secondary schools. Other states are contemplating a similar move.

PRE-ENGINEERING

The courses in mathematics, physics, chemistry, English, and economics as given in the small liberal arts college offer the pre-engineering student a good foundation in engineering with the cultural background and the more individualized instruction that is usually denied the technical student. The pre-engineering student should confer with Professor Allen in planning his work and in coordinating his pre-engineering program with that of the engineering school he has selected. The following studies should be included in the first two years for pre-engineering students:

Mathematical Analysis (Math. 11-12)	General Physics (Physics 31-32)
Differential and Integral Calculus (Math. 31-32)	Economic Geography (Geog. 34)
	Geology (Geology 36)

Principles of Economics (Econ. 43-44)	Engineering Drawing (Math. 21)
General Chemistry (Chem. 11-12)	Surveying (Math. 22)
Quantitative Analysis (Chem. 25-26)	

JOURNALISM

Students preparing for journalism or creative English should elect widely in all courses in the Department of English. Electives in political science, sociology, history, and economics are recommended. Students interested in journalism should confer with Professor Roberts.

LOWER DIVISION

English Literature (Eng. 31-32)	Public Speaking (Speech 41-42)
General Psychology (Psy. 31-32)	Principles of Economics (Econ. 43-44)
Modern Governments (Pol. Sc. 11-12)	General Sociology (Soc. 31-32)
Typing (Sec. Tr. 11-12 or 21-22)	

UPPER DIVISION

Reporting (Jour. 53)	History of Journalism (Jour. 66)
Journalistic Types (Jour. 54)	Public Administration (Pol. Sc. 58)
Feature Writing (Jour. 63)	Advertising (Jour. 65)
Editorials and Public Opinion (Jour. 64)	History of Philosophy (Phil. 53-54)

PRE-LEGAL

Students who are preparing to enter a law school should have completed the regular college courses and obtained the Bachelor of Arts degree. Although there are usually no rigid requirements for admission to law schools, the preparation in undergraduate work should include English composition, public speaking, American and English history and psychology. It is also advisable for pre-law students to elect courses in economics and political science, but they may select their major work in departments not included in Group III. Provost Woolery is the adviser for students interested in the study of law. Such courses as the following are appropriate:

LOWER DIVISION

Principles of Economics (Econ. 43-44)	General Chemistry (Chem. 11-12)
Public Speaking (Speech 41-42)	Mathematical Analysis (Math. 11-12)
American History (Hist. 41-42)	General Psychology (Psy. 31-32)
General Sociology (Soc. 31-32)	

UPPER DIVISION

Money and Banking (Econ. 51-52)	Public Administration (Pol. Sc. 58)
History of Philosophy (Phil. 53-54)	Constitutional Law (Pol. Sc. 79)
Public Utilities (Econ. 56)	Public Finance (Econ. 55)
Business Law (Econ. 65)	Cultural Anthropology (Soc. 65)
Crime and its Social Treatment (Soc. 51)	Political Dynamics (Pol. Sc. 57)
	Corporation Finance (Econ. 68)

PRE-MEDICAL

For students who intend to study medicine the college offers courses which satisfy the entrance requirements of the best medical schools in the country. In keeping with the trend in medical education, pre-medical students are advised to select courses which not only give some preliminary background for the study of medicine, but which also contribute to a broad and liberal education. All pre-medical students are advised to complete a four-year course. For many years Bethany has been approved by the Executive Council of the Association of American Colleges for pre-medical training. Dean Weimer is the consultant for students interested in preparation for the medical or nursing professions.

LOWER DIVISION

General Chemistry (Chem. 11-12)	Vertebrate Anatomy (Biol. 36)
General Biology (Biol. 11-12)	Mathematical Analysis (Math. 11-12)
Heredity and Eugenics (Biol. 43)	German or French
General Physics (Phys. 31-32)	General Sociology (Soc. 31-32)
General Psychology (Psy. 31-32)	English Literature (Eng. 31-32)

UPPER DIVISION

Advanced Qualitative Analysis (Chem. 58)	Organic Chemistry (Chem. 61-62)
Theory of Physical Chemistry (Chem. 71)	Histology (Biol. 76)
	Vertebrate Embryology (Biol. 78)
	Abnormal Psychology (Psy. 58)

It is also possible for students to arrange courses that will provide background for training as medical technologists and laboratory technicians.

PRE-DENTAL

All dental colleges require a minimum of one-year pre-dental work in a college or university of recognized standing. An increasing number of the better dental schools require two years of pre-professional training for entrance. Students preparing for den-

tistry should consult Dean Weimer. The following courses are usually recommended:

General Chemistry (Chem. 11-12)
 General Biology (Biol. 11-12)
 Vertebrate Anatomy (Biol. 36)
 Advanced Qualitative Analysis
 (Chem. 58)
 Heredity and Eugenics (Biol. 43)

Organic Chemistry (Chem. 61-62)
 Principles of Economics (Econ. 43-44)
 General Psychology (Psy. 31-32)
 English Literature (Eng. 31-32)
 General Physics (Phys. 31-32)
 Mathematical Analysis (Math. 11-12)

PERSONNEL AND GUIDANCE

It is recommended that those who are planning to work toward a career in the field of business or industrial personnel should major in economics and that those who will enter student personnel or guidance work in connection with educational institutions should major in some teaching subject such as history, science, or English. Certain courses in education, psychology, sociology, and biology can provide a good background for later study or professional work in this field. Students planning to prepare in this field should confer with Dean Kirkpatrick.

LOWER DIVISION

General Psychology (Psy. 31-32)
 Principles of Economics (Econ. 43-44)
 General Sociology (Soc. 41-42)

General Biology (Biol. 11-12)
 Heredity and Eugenics (Biol. 43)
 Introduction to Education (Ed. 31)

UPPER DIVISION

Labor Problems (Econ. 53)
 Guidance (Ed. 72)
 Social Work (Soc. 62)
 Abnormal Psychology (Psy. 58)
 Social Psychology (Psy. 55)
 Business Administration (Econ. 61)

Mental Measurements (Psy. 62)
 Industrial and Business Psychology
 (Psych. 65-66)
 Statistical Method (Ed. 55)
 Educational Measurements (Ed. 61)

PROFESSIONAL CHEMISTRY

By following a planned program of courses at Bethany College, one can prepare for a position as chemist in governmental or industrial laboratories. It is quite a common procedure for chemical industries to select their supervisors from their laboratory staff. Those interested in the field of chemical work or research may be guided to some extent by the course of study suggested below. This may be modified to suit individual needs and interests. Students interested in a career in chemistry should confer with Professor Dawson.

LOWER DIVISION

General Chemistry (Chem. 11-12)	German or French
Quantitative Analysis (Chem. 25-26)	Mathematical Analysis (Math. 11-12)
Inorganic Chemistry (Chem. 43)	Differential and Integral Calculus (Math. 31-32)
General Physics (Phys. 31-32)	Principles of Economics (Econ. 43-44)
General Biology (Biol. 11-12)	

UPPER DIVISION

Organic Chemistry (Chem. 61-62)	Business Administration (Econ. 61)
Advanced Qualitative (Chem. 58)	Physico-Chemical Measurements (Chem. 75-76)
Advanced Calculus (Math. 53-54) or Differential Equations (Math. 71-72)	Laboratory in Advanced Physics (Phys. 55-56)
German or French	Electricity and Magnetism (Phys. 63)
Theory of Physical Chemistry (Chem. 71-72)	Theoretical Mechanics (Math. 73-74)
Chemical Literature (Chem. 87-88)	

PHYSICAL EDUCATION AND RECREATION

Students who desire to prepare for work in school or community programs of physical education and recreation should major in physical education and take supplementary work in sociology and related fields. It is possible to satisfy the requirements for certification in physical education for a teaching major or minor as prescribed for schools in certain states. Students preparing for work in this field should consult with Professor Knight and others in the department.

LOWER DIVISION

General Biology (Biol. 11-12)	Personal and Community Hygiene (Phys. Ed. 15 or 16, 32)
General Chemistry (Chem. 11-12)	Tap and Character Dancing (Phys. Ed. 21-22)
Introduction to Education (Ed. 31)	Playground Management (Phys. Ed. 37)
Educational Psychology (Psy. 42)	Prevention and Care of Injuries (Phys. Ed. 39)
Comparative Vertebrate Anatomy (Biol. 36)	
Scouting (Phys. Ed. 31)	
General Sociology (Soc. 31-32)	

UPPER DIVISION

Physiology (Biol. 67)	Theory and Practice of Individual Sports (Phys. Ed. 76)
Social Psychology (Psy. 55)	Organization and Administration of Physical Education (Phys. Ed. 74)
Philosophy of Education (Ed. 51)	Methods of Health and Physical Education (Phys. Ed. 85)
Mental Hygiene (Ed. 54)	History and Principles of Physical Education (Phys. Ed. 77)
Kinesiology (Phys. Ed. 70)	Community Organization (Soc 66)
Corrective Gymnastic and Normal Diagnosis (Phys. Ed. 72)	Public Assistance (Soc. 72)
Community Recreation (Phys. Ed. 58)	
Guidance (Ed. 72)	

PUBLIC SCHOOL MUSIC

For students preparing to supervise or teach in the public schools, the following courses are recommended:

LOWER DIVISION

Ear Training and Sight Singing (Mus. 11-12)	Introduction to Education (Ed. 31)
Wind Instrument Class (Mus. 23-24)	History of Education (Ed. 32)
String Instrument Class (Mus. 25-26)	English Literature (Eng. 31-32)
Music Appreciation (Mus. 31-32)	Introduction to Art (Art. 31-32)
	Harmony I and II (Mus. 35-36)

UPPER DIVISION

Principles of Secondary Education (Ed. 52)	Form and Analysis (Mus. 56)
Harmony III (Mus. 55)	Music History (Mus. 51-52)
Materials and Methods in Music (Mus. 83-84 and 85-86)	Counterpoint (Mus. 75)
Advanced Ear Training and Sight Singing (Mus. 61-62)	Philosophy of Education (Ed. 51)
Observation and Directed Teaching (Ed. 81 or 82)	Conducting (Mus. 87-88)
	Orchestration (Mus. 76)
	Educational Measurements (Ed. 61)
	Theatre Arts (Speech 47-48)

All students who are preparing for public school music work must pass an examination in piano, including the ability to read simple accompaniments at sight and the playing of a memorized composition of at least fourth grade material; and must pass a voice examination. Professor Carter is the adviser for students interested in music.

SECRETARIAL TRAINING

Students who wish to prepare for secretarial positions may do so by completing a minimum course of two years. It is desirable that students spread the technical courses over the four-year period and that major work be elected in the field of economics and business administration. The best preparation for high grade secretarial work is a full college course with adequate courses in English, economics and business administration as well as in secretarial training.

Those who wish to take up secretarial work should confer with Miss Sparks. The following courses are recommended to students wishing to take only two years of college work:

FIRST YEAR

English Composition (Eng. 11-12)	Beginning Shorthand (Sec. Tr. 15-16)
Business Law (Econ. 65)	Beginning Typing (Sec. Tr. 11-12)
Modern Governments (Pol. Sc. 11-12)	Physical Education (Phys. Ed. 11-12)
Business Correspondence (Sec. Tr. 52)	

SECOND YEAR

Advanced Shorthand (Sec. Tr. 29-30)	Office Appliances (Sec. Tr. 49)
Advanced Typing (Sec. Tr. 21-22)	Secretarial Practice (Sec. Tr. 50)
Principles of Economics (Econ. 43-44)	Elementary Accounting (Econ. 45)
Public Speaking (Speech 41-42)	Intermediate Accounting (Econ. 46)
General Sociology (Soc. 31-32)	

NOTE: Students who present high school units in certain of the courses such as in foreign language or typing and shorthand will be expected to take certain substitute courses.

SOCIAL WORK

Fundamental preparation for entering any of the various fields of social work carried on by public and private organizations is offered in the Department of Sociology. The department offers a major that will prepare students for actual social service activities or for graduate and professional work in the field. The following courses are recommended:

LOWER DIVISION

General Sociology (Soc. 31-32)	Playground Management (Phy. Ed. 37)
Principles of Economics (Econ. 43-44)	General Psychology (Psy. 31-32)
General Biology (Biol. 11-12)	Statistics (Econ. 47 or Educ. 55)
Public Speaking (Speech 41-42)	English Literature (Eng. 31-32)
Heredity and Eugenics (Soc. 43)	Community Hygiene (Phys. Ed. 32)

UPPER DIVISION

Marriage and the Family (Soc. 54)	Business Administration (Econ. 61)
Crime and its Social Treatment (Soc. 51)	Mental Hygiene (Ed. 54)
Population Problems (Soc. 52)	Social Service Practicum (Soc. 64)
Social Psychology (Soc. 55)	Labor Problems (Econ. 53)
Social Problems (Soc. 61)	Insurance (Econ. 54)
Social Work (Soc. 62)	Abnormal Psychology (Psy. 59)
Community Organization (Soc. 66)	Child Psychology (Psy. 59)
Social Theory and Control (Soc. 73-74)	Public Administration (Pol. Sc. 58)
	Public Assistance (Soc. 71)
	Seminar in Social Surveys (Soc. 81-82)

PUBLIC SERVICE

In preparation for a career in public administration or service a student will best serve his interests by acquiring a broad foundation in cultural subjects. With this as a basis he may go into specialized work, looking toward research or active participation in affairs of the state. His major should probably be in history and political science or economics. Students preparing for this work should consult with Provost Woolery.

LOWER DIVISION

Principles of Economics (Econ. 43-44)	American History (Hist. 41-42)
General Sociology (Soc. 31-32)	General Psychology (Psy. 31-32)
Public Speaking (Speech 41-42)	History of Education (Ed. 32)
Statistics (Econ. 47 or Math. 37)	Europe Since 1830 (Hist. 43-44)

UPPER DIVISION

International Relations (Hist. 53)	Public Utilities (Econ. 56)
Business Administration (Econ. 61)	Educational Administration (Educ. 74)
Political Dynamics (Pol. Sc. 57)	Money and Banking (Econ. 51-52)
Public Administration (Pol. Sc. 58)	Public Finance (Econ. 55)
International Economic Policies (Econ. 73)	Economy Theory and Contemporary Problems (Econ. 83-84)
Constitutional Law (Pol. Sc. 79)	Public Assistance (Soc. 71)
Population Problems (Soc. 52)	Systems of Public Welfare (Soc. 72)

LIBRARY WORK

A good general education in the liberal arts offers the best foundation for librarianship. While no particular major is required, one in literature or history is suggested, strengthened by survey courses in the other social sciences, psychology, education, science and the fine arts, to enable the student to read intelligently in these subjects. Some study of Latin is necessary, together with a reading knowledge of two modern languages, preferably French and German.

Professional training in the library field is provided by a number of accredited library schools, many of which require the bachelor's degree for admission. In any case, the degree is highly desirable. Since the entrance requirements of library schools vary, students are advised to ascertain them for the particular school in which they are interested so that the college course may be planned accordingly. The members of the college library staff will be able to counsel with students preparing for work in this field.

CHRISTIAN MINISTRY

Students who are preparing for the work of the Christian ministry in the mission field or in the church at home are urged to major in Biblical literature. Professor Booth is the adviser for students in this field.

LOWER DIVISION

New Testament Survey (N.T. 31-32)	English Literature (Eng. 31-32)
Old Testament Survey (O.T. 33-34)	General Psychology (Psy. 31-32)
Greek or a modern language	Music Appreciation (Mus. 31-32)
Principles of Economics (Econ. 43-44)	Introduction to Art (Art. 31-32)
Public Speaking (Speech 41-42)	

UPPER DIVISION

The Prophets (O.T. 55-56)	Philosophy of Religion (Phil. 60)
Comparative Religion (O.T. 57-58)	Church History (Ch. Hist. 69-70)
The Bible as Literature (O.T. 71-72)	History and Literature of the Disciples (Ch. Hist. 51-52)
Biblical Doctrine (N.T. 75-76)	Principles and Practice of Religious Education (Rel. Ed. 53-54)
Teachings of Jesus and Paul (N.T. 65-66)	Theory of Preaching (Hom. 61-62)
Ethics (Phil. 57)	The Work of the Pastor (Hom. 63-64)
History of Philosophy (Phil. 53-54)	
Plato and Aristotle (Phil. 61-62)	

GRADUATE STUDY

Because of being fully accredited and on the approved list of the Association of American Universities, graduates of Bethany College are eligible to take advanced work in the graduate school of any university. By proper selection of undergraduate courses and with adequate methods for scholarly work established, such graduates will be able to go forward in graduate study without difficulty of any kind. Those working for the master's degree should be able to complete the full requirements in the minimum time required by the specific graduate school. For example, a student who has majored in economics and business administration at Bethany with proper selection of courses, will be able to complete the requirements for the master's degree at Wharton School of Finance and Commerce of the University of Pennsylvania in one year. About the same situation applies for graduate study in all of the fields in which Bethany College offers a major. Students who are planning to do graduate study are urged to counsel carefully with the head of the Bethany department related to their proposed field of study. Only students of marked intellectual ability and industry are urged to consider graduate study.

GRADUATION AND HONORS

DEGREE REQUIREMENTS

DEGREES—Bethany College confers at graduation the degrees of Bachelor of Arts and Bachelor of Science. The fulfillment of the several specified requirements and genuine evidence of attainments in scholastic proficiency are demanded of all candidates for degrees.

REQUIREMENT OF HOURS—Candidates for either of the baccalaureate degrees are required to complete a total of 128 semester hours for graduation. Of this number forty semester hours must be in courses in the upper division; six semester hours must be in physical education, and two semester hours must represent the freshman course in orientation or its equivalent. Only twelve hours in applied music can be used toward meeting the minimum requirement.

DISTRIBUTION REQUIREMENT—Candidates for graduation are required to complete certain course work in each of the five curricular groups. The more general courses involving greater understanding and integration in each group are recommended. Fragmentary and small unit courses are not desirable. The following prescription of course requirements must be met by all candidates for baccalaureate degrees:

Freshman Orientation	2 hrs.
Group I—Languages and Literature	
English composition or literature	6 hrs.
Foreign language—	
A reading knowledge of one of the foreign languages offered at the college or approved by the Committee on Admissions. This requirement may be satisfied by the completion of the second year course in the language at the college level; or by written and oral examination given under the direction of the Department of Modern Language.	
Group II—Psychology, Philosophy, Education	
Psychology, Philosophy, or Education	6 hrs.
Physical Education, i.e. two hours in personal hygiene and four hours in activities courses	6 hrs.

Group III—Social Studies

History, Political Science, Economics, or Sociology 6 hrs.

Group IV—Science and Mathematics

Biology, Chemistry, Mathematics, or Physics 6 hrs.

Group V—Religion and Fine Arts

Biblical literature, i.e. courses in Old and New Testament 6 hrs.

Candidates for the Bachelor of Science degree must present at least forty semester hours from courses in Group IV. Of these forty semester hours, at least twenty-five of them must be in the upper division.

REQUIREMENT OF QUALITY POINTS—Quality points awarded on the basis of final grades received are required for graduation. At least 128 quality points must be earned and of these at least forty must be earned in upper division courses.

REQUIREMENT OF MAJOR—The department in which a student elects to major shall determine specific requirements for the student, not only of work to be done in the major department but certain other work to be done in other departments that must be completed to buttress the major. The general outline of requirements for each major is listed in the section of this bulletin that carries courses of instruction. With the approval of the Dean of the Faculty certain modifications can be made to meet the needs of the individual student.

It is expected that no major will include less than 24 semester hours and that at least 12 semester hours must be completed in courses definitely in the upper division. At least 24 quality points must be earned in the major field. These represent the minimum for the college. The department offering the major may require more than this minimum. In all cases the counselor will expect the student to complete a large part of his major work in the upper division.

REQUIREMENT OF MINOR—In addition to the major each student must elect a minor subject. The professor in charge of the major subject should approve the minor selected. In most cases it should have some relationship to the major. At least 18 semester hours must be completed in the minor. A minimum of 18 quality points is required in the minor.

REQUIREMENT OF EXAMINATION—A comprehensive examina-

tion—both written and oral—is required of each candidate for a degree at Bethany College. This examination is given by a faculty committee under the direction of the professor in charge of the major subject, and it is intended to cover the total range of material and accomplishment for an undergraduate major. A student failing in the comprehensive examination shall be considered as failing to meet the requirements for graduation and shall not be graduated.

Seniors who pass the comprehensive examination with high credit shall be awarded their degrees “with distinction” in the major subject. The only other grades given are “passed” and “failed.”

Seniors who fail to pass the comprehensive examination shall upon payment of a suitable fee, be given a second opportunity only at the end of any subsequent semester, provided reasonable notice has been given to the Committee on Admissions and Classifications and the department head. Further opportunity to take this examination shall be given only by special vote of the faculty.

RESIDENCE REQUIREMENT—Four years are usually required to satisfy the requirements for the baccalaureate degree. Students of superior quality may satisfy the requirements in less time. The senior year should be spent in residence at the college.

HONORS

GRADUATION HONORS—Students who have done college work of unusual merit and have given evidence of superior academic achievement in the upper division will be graduated with honors. These are awarded with the degree as Summa Cum Laude, Magna Cum Laude, and Cum Laude. The awarding of honors is determined upon the basis of total quality points earned, standing in the comprehensive examination, and the recommendation of the professors in charge of the major and minor.

Seniors who give evidence of superior achievement in the major subject and are able to pass the comprehensive examination with excellent results will be designated as “Passed with Distinction.”

CLASS HONORS—Upper division students of the college who complete the academic work of any one year with a point average of 2.5 are recognized for “First Honors” for the year, and those who complete the academic work of any one year with a point average of 2.25 are recognized for “Second Honors” for the year. Lower divi-

sion students of the college who complete the academic work of any one year with a point average of 2.25 are recognized for "First Honors" for the year, and those who complete the academic work of any one year with a point average of 2.0 are recognized for "Second Honors" for the year.

DEANS' LIST—At the end of each semester a list of students who have ranked high in academic attainments as attested by academic point average are designated for the Deans' List. This distinction is determined by the Dean of the Faculty and the Dean of Students.

SENIOR FELLOWSHIPS—Upon careful recommendation certain members of the junior class are designated as Senior Fellows during the following year. The selection is made only of students who have attained unusual excellence in the field of their major study and who by character and ability can do special work in a major department, as an assistant in some phase of instruction or research. The Senior Fellowship carries a small stipend. Not more than six senior fellowships are awarded in any one year.

The selection of Senior Fellows is made by the Committee on Honors from the nominations of department heads. It is intended that each Senior Fellow shall be given the fullest freedom to pursue the intellectual life and he shall have the benefit of tutorial instruction in the department in which he works.

GAMMA SIGMA KAPPA—This honorary scholastic fraternity was organized at Bethany College in 1932. Any student who has a quality point rating of 2.5 for five consecutive semesters and who is recommended by the faculty Committee on Honors is eligible for membership in this fraternity.

PI GAMMA MU—The West Virginia Delta Chapter of Pi Gamma Mu is located at Bethany. Its members are selected from students who have maintained a high average grade in at least twenty semester hours of social studies.

ANNA RUTH BOURNE AWARD—A cup has been given the college by an anonymous donor to be known as the Anna Ruth Bourne Scholarship cup. This award is made annually to the sorority or non-sorority group on the campus earning the highest scholarship standing each year.

PITTSBURGH COLLEGE CLUB AWARD—The Pittsburgh College Club, which comprises the college alumnae of Pittsburgh, has set up an award which is made each year to the outstanding girl in the junior class. This award is based on academic record, qualities of

leadership, character, conduct, and general standing on the campus. The club has placed a suitable plaque in Phillips Hall on which the names of the winners are engraved. In addition, an individual award is made each year to the junior girl chosen.

GENERAL INFORMATION

RELIGIOUS LIFE

One of the expressed aims of the college is "To provide higher education in an atmosphere sympathetic to Christian ideals and Christian faith and to conserve and develop the moral character and religious life of its students." This aim is meant to bear upon instruction, counseling, and social life as well as formal religious services.

CONVOCATION—A fifty minute convocation is held each Tuesday and Thursday at eleven o'clock. Most services are devotional. Lectures by faculty members and noted visitors, drama, music and student presentations are the most frequent elements of the convocation service. Attendance is obligatory for all students. The convocation service is in no wise sectarian.

THE COLLEGE CHURCH—All students regardless of denominational affiliations are welcome as "Student Members" of the Bethany Memorial Church. One of the active organizational groups of the church is the Council on Student Work through which are coordinated the various religious activities of the student body. Opportunity of personal counseling with the minister is offered. Every Sunday there is morning worship in charge of the minister. In the evening there is an informal "Twilight Service" which provides devotional expression and religious stimulus through a variety of mediums such as addresses and forums, motion pictures, religious drama, and vocal and instrumental concerts. There is also opportunity to participate in student interest groups discussing topics of four to six units at various times during the year. A number of positions of leadership in the church are available to students showing interest and ability.

PRE-EASTER VESPERS—Vesper services are held in the Bethany Memorial Church late each afternoon during the week preceding Easter or Palm Sunday. Arrangements are in charge of students of the college and the Council on Student Work.

INSTRUCTION—Since its inception, the Bible has been a recognized textbook in the college and each student is asked to pursue this study for at least one year. The approach is intended to be sympathetic and constructive.

LECTURES AND CONCERTS

One of the extraordinary privileges of the student body of Bethany College is that of hearing outstanding lecturers, musicians, and leaders of thought. During the current year the following people have appeared or are scheduled to appear upon the campus:

(a) Lecturers: Lt. Col. Maurice W. Raynolds, U. S. Army Chaplain; Professor John Clark Archer of Yale University; Mr. Hugo Blumenberg of Wheeling, W. Va.; Rabbi George B. Lieberman of Wheeling, W. Va.; Mr. Ray G. Hagstrom of Youngstown, Ohio; Mr. Joel B. Gerin; Professor C. M. Sherer, Kent State University; Mrs. Olive Lindsay Wakefield; Rev. H. L. Darsie, New York City; Dr. T. Hassell Bowen, Lexington, Kentucky; Dr. Edgar J. Fisher, Institute of International Education; Elissa Landi; May Sarton; Gerald Wendt; Richard Wilmer Rowan; Helena Gin Chiu Kuo, journalist and author; and Edward B. Hitchcock. (b) Music: The Chicago Little Philharmonic Orchestra; Russell Horton, Tenor; Maurice Dumesnil, Pianist; and Alberto Salvi-Maurine Parzybok.

Lectureships established by generous friends of the college include the following:

(a) *A Lectureship in Government* has been established by a friend of the college.

(b) *The George M. Sutton Lectureship* in natural history has been established by George M. Sutton of the Class of 1918.

SPECIAL DAYS

SCHOLARS' DAY—Each year a special convocation is held in October for the recognition of outstanding academic achievement by individual students and student groups. The program is under the direction of the Dean of the Faculty.

HOMECOMING DAYS—One of the most important dates in mid-autumn is designated as fall homecoming day. In addition to the football game, there is on the preceding Friday evening the Alumni Round Table. On Saturday evening social groups have dinners for alumni and guests, followed by the homecoming dance. An early spring homecoming is held during March. At this time many alumni and former students return for fraternity and sorority initiations. A special program is arranged for their entertainment.

MOTHER'S DAY—This day is looked forward to by the student

body because of the beauty and character of the occasion. An informal reception at the President's home is a pleasant feature of the day.

PLAY DAY FOR HIGH SCHOOL GIRLS—On a Saturday in the late spring the Department of Physical Education for Women invites girls from many nearby high schools to a Play Day. Girls are divided into teams after their arrival, and many events are planned for their enjoyment.

STUDENT ACTIVITIES

STUDENT BOARD OF GOVERNORS—As a means of governing and directing student interest and student activities, the Student Board of Governors is maintained by the student body as a legislative and executive body. Matters pertaining to athletics, debating, student publications, social affairs, and general student interests are given attention. The major part of the activity fee is used by this Board for the various student organizations. The Board cooperates with the college administration in building an intelligent appreciation of social responsibility in college community life.

ATHLETICS—In order to supplement the courses in physical education which are required of all freshmen and sophomores who are found upon examination to be physically able to carry the work, Bethany College maintains intramural and intercollegiate teams in many sports. All athletics and physical recreation are under the supervision of the Athletic Board of Control, which is made up of the faculty committee on athletics, appointed by the president of the college, and four members of the student body. The student members of this committee are chosen, one from each of the three upper classes in the college, and one from the Women's Athletic Association, each group selecting its own representative.

Bethany has taken a position of leadership among tri-state colleges by its established athletic policy, which eliminates all professionalism from its program. Intercollegiate competition in football, basketball, tennis, cross-country, track and field continues. An intramural program has been developed in order to provide opportunity for all to participate in some form of athletic endeavor. Sports which are provided for on the intramural program are soccer, volleyball, swimming, archery, tennis, softball, handball, hockey, basketball, and touch football.

Students participating in intramural and intercollegiate athletics

do so at their own risk. While the college assumes no responsibility for accidents or injuries of any kind, experienced coaches are provided and every precaution is taken to avoid hazards. Students are expected to have a complete physical examination each season.

ASSOCIATION OF WOMEN STUDENTS—This Association, of which every woman student is automatically a member upon her entrance into college, has as its main purpose the building of larger and wider life attitudes through giving the college woman a fuller opportunity for experience in leadership and for sharing with the college the responsibility for her conduct.

WOMEN'S ATHLETIC ASSOCIATION—The Women's Athletic Association encourages and fosters the participation of all women of the college in swimming, the dance, and many different sports and games. The sport leaders make up the Athletic Board of the W. A. A. A point system is in effect by which girls may earn the letter "B" and a sweater. At the annual W. A. A. Banquet, three loving cups are awarded, one each to the winner of the archery, tennis, and swimming meets.

STUDENT PUBLICATION—Under the management of the Student Board of Publications the students publish the *Bethanian*, issued at spaced intervals in magazine form to be compiled throughout the year into a final yearbook form. The student fee covers the cost of this publication and so every student is entitled to a copy of each issue.

MINISTERIAL ASSOCIATION—This association is made up of the young men of the student body who are preparing for the work of the Christian ministry. This group of students holds a prominent place in the life of the college. Fortnightly meetings are held, at which vital problems relating to the ministry and the churches are discussed.

Y.W.C.A.—Membership in the Young Women's Christian Association is open to all women students. This organization strives to serve religious, aesthetic, and social needs by conducting regular worship services, entertaining guest speakers from various fields, and sponsoring discussion groups concerning campus and personal problems. One of the projects of the organization is the maintenance of the Dagney Andersen Memorial Library in Phillips Hall.

CLUBS AND SOCIETIES—Several active clubs and societies are sponsored by various departments in the college. The work of the French Club, the Sociology Club, the Science Club, the Education

Club, the Writers' Club, the German Club, and the International Relations Club have been most notable. Papers dealing with interesting topics are presented by students and faculty members.

FRATERNITIES—Several of the strong Greek letter fraternities have chapters at Bethany. The fraternities for men are: Beta Theta Pi, Sigma Nu, Phi Kappa Tau, Kappa Alpha, and Alpha Kappa Pi. The sororities for women are: Alpha Xi Delta, Zeta Tau Alpha, Kappa Delta, and Phi Mu. All have national affiliation.

MUSIC AND DRAMATICS

COLLEGE CHOIR—This mixed chorus, formerly of twenty-four voices is to be increased to forty or forty-five voices to permit a broadening of the scope of material to be sung and programs to be given. The Choir sings each Sunday morning at Bethany Memorial Church, and gives special programs, in and away from Bethany, including oratoria, cantata and miscellaneous works. Membership is open to all students accepted by the director.

COLLEGE ORCHESTRA—This musical organization is made up of students who have proficiency on orchestral instruments. Admission is gained by satisfactorily passing an individual examination given by the director. Several concerts are given during the year, and music is furnished for some of the dramatic performances.

COLLEGE BAND—The college band is open to all students who show by individual examination a sufficient mastery of their instrument for the type of music to be played. This organization plays for many public occasions throughout the year.

DRAMATICS—The program of drama enjoys prominent place in the life of the college. Two clubs constitute the nuclei of play production: The Bethespian of open membership; and a chapter of the national dramatic fraternity, Alpha Psi Omega, in which students may become members by meeting the national requirements. Departmental clubs at times present plays and the choir collaborates in joint productions with the Bethespians.

ACADEMIC INFORMATION

STUDENT SCHOLARSHIP—The average size of the classes as organized enables the instructors to give each student individual attention; in many cases classes are divided into several sections to secure this result. At stated times students whose work in any

department is unsatisfactory are reported to the Admissions and Personnel Office by the instructor in charge of the work in question. A careful effort is made in each case to discover the cause of the trouble, and by giving encouragement, admonition, advice, or assistance, as appears to be needed, to put the student in the way of successfully carrying out his work.

CLASSIFICATION OF STUDENTS—The classification of students is determined at the beginning of each year according to the following plan: For sophomore rank a student must have at least twenty-five hours of academic credit and twenty-five quality points. Admission to the upper division or full junior standing is conditioned upon the student having at least sixty hours of academic credit, sixty quality points, freshman orientation completed, and he must have passed the sophomore general examination. For senior class rank the student must have at least ninety-four hours of academic credit and ninety-four quality points, and have completed all prescribed courses for graduation.

No student is considered as a candidate for the baccalaureate degree until granted senior classification.

THE GRADING SYSTEM—The class standing of a student in any course pursued is reported by the use of letters. The meaning of letters used may be given as follows:

A—Excellent. The letter A is used to denote work of unusual merit. This grade carries three quality points for each hour of credit.

B—Good. This letter is used to show appreciation and grasp of the subject that is distinctly above the average and very satisfactory. This grade carries two quality points for each hour of credit.

C—Average. This letter signifies the grade of work done by an average student. It is expected that between fifty and sixty percent of grades given will be C. This grade carries one quality point for each hour of credit.

D—Inferior. This letter denotes work below the average. It shows a lack of application or of ability to grasp the subject. This grade carries no quality points.

con.—This abbreviation denotes conditional failure. The student is granted the privilege of taking an examination to remove the condition, or, in case of a continuous course, it may be

automatically removed by the student making a grade of C or better the following semester. Failure to do so within the following semester will result in the grade being changed to F. Regardless of the manner of removing the condition no higher grade than D will be allowed.

inc.—The abbreviation inc. denotes uncompleted work as a result of sickness or some other justifiable reason. An incomplete mark should be removed by the end of the fourth week of the following semester, unless an extension of time is granted. It is not possible for a student to remove an incomplete mark after twelve months.

F—Failure. The letter F denotes work that is definitely unsatisfactory and the course not passed.

W—Withdrawn. The letter W denotes uncompleted work as a result of withdrawal from the college.

A report of the scholastic standing of students is received at the office of Admissions and Personnel at the mid-semester time in addition to the final semester reports: These reports are sent to the faculty counselor of each student and to parents or guardian.

PROBATION—The term “on probation” is applied to students who are continued in college after having failed to satisfy academic requirements to a proper degree, or who, by reason of deportment, do not meet the standards expected by faculty and administration.

A student shall be placed on probation for one semester if in the semester preceding he has failed to pass in nine hours of regular college work *and* earn at least six quality points. He shall be continued on probation until the end of that semester. If he passes in twelve hours of college work *and* earns twelve quality points in the semester, he may be removed from probation.

If he fails to pass twelve hours *and* earn twelve quality points, he can not be continued except by action of the Committee on Admissions and the recommendation of his faculty counselor. It is understood that one semester on probation is to be the limit and that it is not the intention of the faculty to have students continue in college if they do not do satisfactory academic work. Only in unusual cases will a student be continued if he fails to meet the requirement set for probation students.

A student who fails to pass in less than six hours of academic work in any one semester can not be continued into the next semes-

ter. In case of unusual circumstances the Committee on Admissions may grant permission for the student to continue one semester on probation or to be continued as an unclassified student.

During the period of probation a student may be limited in his academic schedule, in participation in extra-curricular activities, or in social life. Such limitation may be imposed by his faculty counselor or by any proper officer of administration. The determination of actual eligibility to participate in intercollegiate or extra curricular activities shall rest with the counselor and the Committee on Admissions and Classifications.

PROVISIONAL ENROLLMENT—The term "provisional enrollment" is applied to the status of students who are permitted to enroll for a provisional period of two weeks pending the receipt of secondary school record, the payment of the required amount on account, or pending the fulfillment of any other proper requirement of the administration. This is intended to cover the cases with which the deans, the Committee on Admissions and Classifications, or the Bursar have to deal.

PENALTY FOR LATE REGISTRATION—Students in attendance during any semester must register on the opening day of the following semester, if they desire to continue their work. For the first three days two dollars is charged for each day of delay in registration and class absences will be counted against the student for all days missed. This rule does not relate to students entering for the first semester.

STUDENT'S SCHEDULE—A student ordinarily carries fifteen or sixteen credit hours of academic work each semester but it is possible for a student to carry additional credit hours with the permission of his counselor and the Committee on Admissions and Classifications. It is ordinarily expected that no student will carry more than nineteen credit hours in any one semester.

Courses should not be changed or dropped except within the first week at the start of any one semester. In special cases a change can be made in courses or schedule with the consent of the instructors concerned, the student's counselor, and either the Dean of the Faculty or the Dean of Students. After the first week it is possible for a student to drop a course only if the counselor and the Deans feel that the best interests of the student will be served by such procedure. Students are not permitted to drop any course without adequate reason and approval.

CLASS ABSENCES—Students are expected to attend all class or laboratory meetings of a course and to participate in any outside activities which are a part of the course. The final decision as to approving absences which may be required because of illness or urgent matters of any kind is in the hands of the instructors concerned. Proper penalties or requirements may be imposed by any instructor for absences of any kind. In most cases class attendance is essential if the student is to get the greatest profit.

Students of superior ability and achievement are often allowed much freedom in the matter of class attendance and specific requirements.

WITHDRAWAL—An honorable discharge will be granted to any student who is in good academic standing and is not subject to discipline, who may desire to withdraw from the college, if he has satisfied his counselor and a responsible officer of the college that there is a reason sufficiently potent to justify such action. Students asking to withdraw should present such a request to the counselor with a written statement of approval from parent or guardian.

FINAL EXAMINATIONS—All students are required to take the examinations that come during the last week of each semester. Those who show by class work and examination that they are entitled to a grade D or above are passed. The seniors are required only to take the comprehensive examination in the final semester if their academic work in all courses is satisfactory.

SPECIAL EXAMINATIONS—A student who has been marked conditional in his course at the end of a semester may, with the consent of the instructor, be given an opportunity to take a second examination on the payment of a fee of \$1.00. When a student is justifiably absent from a final examination he may have a special test upon the payment of a fee of \$2.00. Fees for special examinations must be paid at the office of the Bursar before the examinations are taken. The Bursar's receipt must be presented to the instructor at the time of the examination and delivered by the instructor to the Recorder together with the grade given the student.

REPORT OF STUDENT'S PROGRESS—At any time parents or guardians are free to request further information concerning the development, ability, and progress of a student. Requests should be made to the Dean of Students or the Recorder.

ADVANCED ENROLLMENT—On or before the second Monday in May all students of the college are obliged to fill out advance enrollment blanks indicating the courses of study planned for the coming year. In the case of freshmen, these courses are selected under the direction of the freshman counselors. In the case of students who have selected a major, the professor in charge of the department elected will counsel regarding the student's curriculum.

TRANSFER OF RECORDS—Students wishing to transfer from Bethany College to another institution should request the Admissions and Personnel Office to send an official transcript of record and notice of honorable dismissal, giving notice of at least one week. One transcript is furnished for each student without charge; for each additional record a fee of one dollar is charged, this fee to be sent to the office with the request. All financial obligations to the college must be paid before a transcript can be issued.

SUMMER COURSES—Credit will be given for a limited amount of work done in the summer session of an approved college or university. Permission for summer study must be secured from the Committee on Admissions and Classifications.

FRATERNITY AND SORORITY INITIATION—Students shall not be initiated into any fraternity or sorority until they have satisfied the entrance requirements of the college, have fifteen hours of resident collegiate work credited on the college books, and have earned at least fifteen resident quality points.

JUNIOR YEAR ABROAD—Specially qualified students may substitute for the work of the junior year in the college a year of study in France or in Germany, under the supervision of the Foreign Study Plan of the University of Delaware. To be eligible for the junior year abroad, the student ordinarily must have an average grade of B or over in the work of the first three semesters. Each application must be approved by the Dean of the Faculty and the department concerned. Any student who may wish to avail himself or herself of this opportunity must present the request in writing to the Committee on Admissions and Classifications before the end of the semester of his or her sophomore year. This plan has been suspended due to the war in Europe but it is hoped that it may be resumed in peace times.

STUDENT HEALTH

MEDICAL AND PHYSICAL EXAMINATION—A medical and physical examination of every new student is made during the first weeks of the college year by the college physician. It is strongly recommended that all students be examined at least once each year by the family physician and dentist. All students are urged to be vaccinated and to have tuberculin and blood tests either at home or at the college dispensary.

PHYSICAL EDUCATION—All freshman and sophomore students are expected to take the recreational course in physical education and, in either the freshman or the sophomore year, a course of lectures in personal hygiene. An elementary course in mental hygiene is offered as an elective in the Department of Education. These courses carry regular college credit.

SICKNESS—Each student is expected to report to the college dispensary in case of sickness of any kind. In the case of contagious or infectious disease, students will be expected to give absolute observance to any regulations which might be prescribed by the college officers or the county health officials.

The college physician is at the dispensary each morning for consultation, examination, or treatment. Students are urged to report all injuries, diseases, or untoward symptoms, no matter how trivial they may seem. No extensive medical or surgical procedures are carried out at the dispensary but all minor injuries will be cared for, and some medicines will be supplied. Arrangements can be made for vaccinations, cold serums, and special treatment. The college physician is available for consultation and professional service only at the dispensary. The dispensary hours are: 10:00 A.M. to 11:45 A.M., 4:00 P.M. to 5:30 P.M.

Students are free, however, to employ a physician of their own choice in any case of illness. Other well trained physicians also are available in Wellsburg and Wheeling.

INFIRMARY—A small infirmary, in charge of the college nurse, is maintained at Phillips Hall. It includes two small wards and a medicine room. The infirmary is not open for dispensary service, diagnosis or treatment, and the services of the college physician are not available there without charge. It is intended only for bed-patients. The college nurse is in charge of the infirmary and is available at all hours for emergencies, but she is not subject to call for minor matters, dispensary service, or any services that can be

cared for at the college dispensary during regular office hours. In case of need each student is entitled to three days of care in the infirmary with no additional charge. For periods in excess of this time a nominal charge of \$1.00 per day is made.

SOCIAL REGULATIONS

STUDENT RESIDENCE—No student in any college year shall be permitted to reside or board in any place which has not been listed as approved. Fraternity and sorority houses, private dwellings, and dormitory rooms where students are living, must at all times be open for inspection and appraisal as to influences and conditions relating to morals, health, and social culture. All freshmen are required to live in the college dormitories through the entire first year.

SOCIAL LIFE—The men and women of the college meet under conditions intended to provide a pleasant and wholesome social life. A reasonable amount of social recreation is encouraged, though such diversion is restricted within limits considered most favorable to the welfare of the students. It is understood and expected that all students will observe the usual social conventions and individual students will be governed by discretion and regard for propriety, without the existence of minute and specific rules.

The women of the college live either in Phillips Hall, Helwig House, Gateway Hall or in sorority houses. Each is presided over by a house hostess or a faculty resident who is held answerable for the observance of good deportment of the undergraduate women in their respective houses. The Academic Adviser for Women is in charge of the general supervision of the college women, with the direct responsibility for regulation of social life, residence and social privileges, etc., in charge of the Head of Residence for Women.

The dormitory for men affords at once a home for residents therein, and a center for the activities of the men of the college. Fraternity houses offer shelter and social life for some of the upper-classmen.

All student organizations are required to obtain permission from the Head of Residence for Women before giving an entertainment or function of any kind either on or off the campus. A social calendar is kept in her office in which all public functions must be registered in advance.

STUDENT CONDUCT—In the administration of college regulations it is the policy of the administration to be guided in the treatment

of the individual cases largely by the recommendation of the student's counselor and by the general attitude of the student toward the college i.e., whether or not he has proved himself a creditable member of the college community, as shown by regularity in attendance, promptness in the fulfillment of his obligations, earnestness in his endeavors to profit by the college opportunities, and in consideration of high standards in social and moral conduct.

The whole record of each student will be looked into at the end of each semester with reference to his conduct in the community as well as his academic attainments. If the student's conduct has been unsatisfactory and is likely to remain so, the administration will consider whether the student is justifying his candidacy for a college degree. Students who do not show promise of accomplishment will not be allowed to continue. It is expected that a student who earns credits at Bethany College must satisfy the faculty as to uprightness of character as well as accomplishments in scholarship.

It is earnestly desired that undergraduates may be influenced to good conduct and good scholarship by higher motives than fear of punishment. The sense of duty and honor, the courtesy and generous feeling natural to young men and women engaged in liberal pursuits, are appealed to as the best regulators of conduct. It is the policy of the college administration and faculty to allow in all things as much liberty as will not be abused, and the students are invited and expected to cooperate with the faculty and college officers. Students are answerable for their conduct during vacation no less than in term time.

There is no need for students to maintain automobiles in Bethany and they have proved a detriment to scholarship and a temptation to waste much time. The maintenance of an automobile or motorcycle in Bethany or vicinity without the permission of the college faculty is positively forbidden.

CHANGES IN REGULATION COVERING COURSES OF STUDY, DEGREES, DISCIPLINE, ETC.—The college administration reserves the right to amend the regulations covering the granting of degrees, the courses of study, and the conduct of students. Membership in Bethany College and the receiving of a degree are privileges, not rights. The college reserves the right, and the student concedes to the college the right, to require the withdrawal of any student at any time without explanation or trial.

DEPARTMENTS OF INSTRUCTION

Group I—Languages and Literature

- | | |
|-------------|----------------------|
| 1. Classics | Journalism |
| Greek | Speech and Dramatics |
| Latin | 3. Modern Languages |
| 2. English | French |
| Composition | German |
| Literature | Spanish |

Group II—Psychology, Philosophy and Education

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| 1. Education | Philosophy |
| 2. Psychology and Philosophy | 3. Physical Education |
| Psychology | |

Group III—Social Studies

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| 1. Economics and Business Administration | Political Science |
| 2. History and Political Science | 3. Library Science |
| European History | 4. Secretarial Training |
| American History | 5. Sociology |

Group IV—Science and Mathematics

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| 1. Biology | 4. Mathematics and Physics |
| 2. Chemistry | Mathematics |
| 3. Geography and Geology | Physics |

Group V—Religion and Fine Arts

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| 1. Art Appreciation | Church History |
| 2. Biblical Literature | 3. Music |
| Old Testament | Literature and Theory of |
| New Testament | Music |
| Homiletics | Applied Music |

EXPLANATORY NOTES

Courses of instruction are listed by departments. The various departments are arranged according to groups of related departments.

In numbering of courses first semester courses have odd numbers and second semester courses, even numbers. A course having both an odd and even number, as 11-12, runs continuously throughout the year, but may be elected for either semester unless the course is specifically designated "a continuous course," providing the proper prerequisites are met. In registering for a course through the year, the odd number is used the first semester, and the even, the second semester.

The number in parenthesis after the name of the course indicates the academic credit given for each semester. The hours for class sessions or conferences and the names of the instructors follow the description of the course.

The curriculum of the college recognizes the lower and upper divisions in the arrangement of courses and the numbers of each course. The lower division covers, roughly, the freshman and sophomore years and the upper division the junior and senior years. Courses in the lower division are numbered from 11 to 49, and in the upper division from 50 to 100.

A course may not be offered, if elected by less than five students.

FRESHMAN ORIENTATION

II. COLLEGE PROBLEMS. (1 hr.)

Lectures and readings related to the adjustment of the student to the college experience. Methods of intelligent self-directed study; development of social personality; use of books and college resources. Required of all freshmen.

Sec. 1: T. 3:00 Mr. Kirkpatrick and Miss Carrigan

Sec. 2: Th. 3:00

12. VOCATIONAL ORIENTATION. (1 hr.)

Survey of certain broad occupational fields; aimed toward a better understanding of the world of work and the opportunities in it. Methods for self-appraisal and self-guidance; papers and required readings on occupational information. Required of all freshmen.

Sec. 1: T. 3:00 Mr. Kirkpatrick and department heads

Sec. 2: Th. 3:00

GROUP I—LANGUAGE AND LITERATURE

CLASSICS

F. R. GAY, HEAD OF THE DEPARTMENT

AIMS:

To develop the ability (a) to read classical Greek and Latin literature with some degree of fluency and appreciation; (b) to understand the influence of Greek and Latin on modern thought and expression; (c) to prepare students for the teaching of Latin, ministerial students for the study of the New Testament; and (d) to provide background materials for the student who is interested in linguistics or archaeology.

REQUIREMENT FOR MAJOR:

Twenty-four hours in the department with a sequence of twenty hours in either Greek or Latin. Each major student must undertake some minor research in either Greek or Latin in the problems course (Classics 91-92). Students who expect to teach Latin will find Greek very important in their undergraduate courses and practically indispensable for any graduate study of this language. History 65, English 33-34, English 53-54, Philosophy 61-62, and Art Appreciation 31-32 are strongly recommended for all students majoring in this department.

REQUIREMENT FOR MINOR:

Eighteen hours are required for a minor. The sequence of courses must be approved by the head of the department. History 65 is recommended.

GREEK

31-32. ELEMENTARY. (3 hrs.)

The essentials of Attic Greek grammar, and the reading of selections from classical Greek literature. A continuous course. Alternates with Latin 31-32. Not offered in 1941-1942.

Mr. Gay

51. XENOPHON. (3 hrs.)

The *Anabasis*. Prerequisite, Greek 31-32. Alternates with Greek 53. Not offered in 1941-1942.

Mr. Gay

52. PLATO. (3 hrs.)

Apology and *Crito*. Prerequisite, Greek 31-32. Alternates with Greek 54. Not offered in 1941-1942.

Mr. Gay

53-54. GREEK TRAGEDY. (3 hrs.)

Selected tragedies of Aeschylus, Sophocles, and Euripides. Prerequisite, Greek, 31-32. Alternates with Greek 51-52.

M., W., F. 10:00

Mr. Gay

73-74. NEW TESTAMENT GREEK. (3 hrs.)

The Gospel of Luke and the grammar of the Greek New Testament. In the second semester some Pauline Epistles will be studied. Prerequisite, Greek 52 or 54. Not offered in 1941-1942.

Mr. Green

LATIN

31-32. VERGIL'S AENEID. (3 hrs.)

The epic will be studied with a literary as well as a linguistic purpose. Critical approach to the poet and his work. Prerequisite, two units of Latin from a secondary school. A continuous course. Alternates with Greek 31-32.

M., W., F. 9:00

Mr. Gay

51. CICERO'S DE AMICITIA AND DE SENECTUTE. (3 hrs.)

Prerequisite, Latin 31-32 or equivalent. Alternates with Latin 53. Not offered in 1941-1942.

Mr. Gay

52. TACITUS. (3 hrs.)

Germania and *Agricola* will be read with study of style and interpretation. Prerequisite, Latin 51. Alternates with Latin 54. Not offered in 1941-1942.

Mr. Gay

53. CICERO'S LETTERS. (3 hrs.)

A number of Cicero's letters will be read showing Cicero's tastes and relation to personal and literary friends. Prerequisite, Latin 31-32. Alternates with Latin 51.

M., W., F. 8:00

Mr. Gay

54. HORACE. (3 hrs.)

This course will include the reading of *Odes* and *Epodes* with selections from the *Satires*. Prerequisite, Latin 31-32. Alternates with Latin 52.

M., W., F. 8:00

Mr. Gay

61. LIVY. (3 hrs.)

Large portions of books XXI and XXII will be read with particular attention to Livy's qualities as an historian. Prerequisite, Latin 51-52 or 53-54.

Hours to be arranged.

Mr. Gay

62. PLAUTUS AND TERENCE. (3 hrs.)

The *Menaechmi* of Plautus and the *Phormio* of Terence will be critically studied. Other plays will be read. Attention to Roman stage. Prerequisite, Latin 61.

Hours to be arranged.

Mr. Gay

63-64. LATIN COMPOSITION. (2 hrs.)

A thorough review of forms and syntax. A course in the writing of Latin especially intended for students who expect to teach the subject. Prerequisite, Latin 51-52 or 53-54.

Hours to be arranged.

Mr. Gay

85. TEACHING OF LATIN. (2 hrs.)

Special methods in the teaching of Latin. Intended for those who are preparing to teach. Open only to students majoring or minoring in the subject.

Hours to be arranged.

Mr. Gay

91-92. PROBLEMS IN CLASSICS.

Subjects, hours, and credits for special study in the classics to be arranged individually with the instructor.

Mr. Gay

ENGLISH

FLORENCE M. HOAGLAND, HEAD OF THE DEPARTMENT

E. E. ROBERTS, PROFESSOR

MARGARET CARRIGAN, INSTRUCTOR

JAMES W. ALEXANDER, INSTRUCTOR

AIMS:

Instruction in this department is intended (a) to prepare all students for a more intelligent and appreciative reading of the materials in all branches of knowledge; (b) to furnish students with a comprehensive knowledge of the English language and literature in preparation for creative writing, graduate study, or as a cultural discipline; (c) to provide background and some technical training for students preparing for professional writing or journalism; and (d) to train students to speak effectively in public.

REQUIREMENT FOR MAJOR:

I. Sequence of courses for students who plan to teach English, to prepare for graduate study, or to acquire a comprehensive knowledge of the English language and literature: English 31-32; two of the following: English 55-56, 59-60, 61-62 or 65-66. A minimum of twenty-four hours in literature courses is required for a major.

II. Sequence of courses for students who plan to prepare for journalism or professional writing, for graduate study or teaching in journalism: Journalism 53-54 and twelve semester hours in journalism courses. English 31-32 must be included and one of the required period courses in literature. A minimum of twenty-four hours is required for a major.

REQUIREMENT FOR MINOR:

For students electing a minor under sequence I, at least eighteen hours in the division of literature of which six must be in the upper division. English 31-32 must be included.

For students electing a minor under sequence II, at least twelve hours in the division of journalism. English 31-32 must be included.

COMPOSITION

11-12. COMPOSITION. (3 hrs.)

During the first semester, emphasis is placed on fundamentals of composition with writing in varied forms. The first three weeks will be devoted to a review of the principles of grammar necessary to the successful continuation of the course. After this period of study, all freshmen will be given a grammar test; students who make scores indicating a need for further instruction in fundamentals of grammar will add to their schedule a two hour laboratory period each week, during which intensive work on basic essentials of good writing will be carried on. In the second semester greater emphasis is placed on content and style in composition. Preparation of a research paper. Vocabulary study. A continuous course.

<i>Sec. 1, T., Th., S. 9:00</i>	Mr. Alexander
<i>Sec. 2, T., Th., S. 10:00</i>	Mr. Alexander
<i>Sec. 3, M., W., F. 1:00</i>	Mr. Roberts
<i>Sec. 4, M., W., F. 2:00</i>	Miss Hoagland
<i>Sec. 5, M., W., F. 3:00</i>	Mr. Roberts

Laboratory: A "work-shop" period each week for students who need intensive supervised training in the fundamentals of writing. No extra credit offered, but regular attendance is required. When the instructor in English 11 is satisfied that the student is qualified to continue work without the laboratory assistance, the student may withdraw. The laboratory is open to any student in the college who wishes further training in the fundamentals of composition, with permission of the laboratory instructor.

<i>Sec. 1, T. 1:00-3:00</i>	
<i>Sec. 2, W. 1:00-3:00; Th. 1:00-3:00</i>	Mr. Alexander and assistants

Note: English 11 will be repeated in the second semester.

<i>M., W., F. 3:00</i>	Mr. Alexander
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LITERATURE

31-32. SURVEY OF ENGLISH LITERATURE. (3 hrs.)

Typical poets and prose masters will be studied in order to understand English literature in its continuity and to secure a critical appreciation of some of the individual writers. Prerequisite, English 11-12, or superior rank in the English placement test for freshmen.

<i>Sec. 1, M., W., F. 11:00</i>	Miss Carrigan
<i>Sec. 2, M., W., F. 3:00</i>	Miss Carrigan

33-34. GREEK MYTHOLOGY IN ENGLISH LITERATURE. (1 hr.)

No knowledge of the ancient languages is required. The purpose of the course is to furnish a background of classical mythology necessary for the interpretation of the English poets.

<i>S. 11:00</i>	Mr. Gay
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51. AMERICAN LITERATURE TO 1860. (3 hrs.)

A survey of American literature as an aspect of American culture, as a development of thought in America, and in relation to the life and literature of the Western World. Special emphasis on Irving, Poe, Hawthorne, and Emerson. Not offered in 1941-1942.

Mr. Gay

52. AMERICAN LITERATURE FROM 1860 TO 1900. (3 hrs.)

A survey course with emphasis upon the New England writers, and upon Whitman, Howells, and Mark Twain. Not offered in 1941-1942.

Mr. Gay

53. EUROPEAN LITERATURE. (3 hrs.)

A reading of some of the most important masterpieces of Greek and Roman literature in translation, with a comparison of authors and ideas, and with reference to influences on modern thought. Prerequisite, six semester hours in English literature. Not offered in 1941-1942. Alternates with Philosophy 61-62.

Mr. Gay

54. EUROPEAN LITERATURE. (3 hrs.)

A reading of some of the most important masterpieces of European literature in the middle ages, the renaissance, and modern times (to the twentieth century). The comparative method is used as in English 53, with emphasis on influences. Prerequisite, six semester hours in English literature.

T., Th., S. 9:00

Mr. Gay

55. GROWTH AND STRUCTURE OF THE ENGLISH LANGUAGE.
(3 hrs.)

The course will deal historically with the language, its early grammar, its foreign borrowings. Readings from the poetry and prose of the Old English period. With English 56 this is one of the period courses of which two are required for a major. Alternates with English 65.

M., W., F. 2:00

Mr. Alexander

56. CHAUCER AND MIDDLE ENGLISH. (3 hrs.)

Study of the *Canterbury Tales* and some of the minor poems which reveal the development of Chaucer's skill. The texts will also be used for a study of Middle English historically considered. With English 55 this is one of the period courses of which two are required for a major. Alternates with English 66.

M., W., F. 2:00

Mr. Alexander

57-58. SHAKESPEARE. (3 hrs.)

Principal plays of Shakespeare. Four plays will be studied closely each semester; nine or ten others will be read more rapidly.

M., W., F. 3:00

Miss Hoagland

59. THE RENAISSANCE. (3 hrs.)

Non-dramatic literature of the English Renaissance will be studied; special emphasis on Spenser. With English 60 this is one of the period courses of which two are required for a major. Prerequisite, English 31-32. Alternates with English 61.

M., W., F. 10:00

Mr. Alexander

60. THE SEVENTEENTH CENTURY. (3 hrs.)

From Donne and the metaphysical poets through the age of Dryden. Prose and poetry will be studied with special emphasis on Milton. With English 59 this is one of the period courses of which two are required for a major. Prerequisite, English 31-32. Alternates with English 62.

M., W., F. 10:00

Mr. Alexander

61-62. THE EIGHTEENTH CENTURY. (3 hrs.)

An interpretation of the literary and social life of the eighteenth century. Emphasis on Defoe, Steele and Addison, and Swift in the first semester; Johnson and his circle in the second semester. Some attention to pre-romantic tendencies, the novel, and the drama. One of the period courses of which two are required for a major. Prerequisite, English 31-32. Alternates with English 59-60. Not offered in 1941-1942.

Mr. Alexander

63. THE ROMANTIC PERIOD. (3 hrs.)

The poetry of the romantic movement from 1785 to 1832. Emphasis on Coleridge, Wordsworth, Byron, Shelley, and Keats. Prerequisite, English 31-32. Alternates with English 67.

T., Th., S. 10:00

Miss Hoagland

65-66. VICTORIAN LITERATURE. (3 hrs.)

The poetry and prose of the Victorian age with emphasis on Carlyle, Browning, and Tennyson in the first semester. A study of Arnold, Morris, Swinburne, and Hardy in the second semester. One of the period courses of which two are required for a major. Prerequisite, English 31-32. Alternates with English 55-56. Not offered in 1941-1942.

Miss Hoagland

67. THE DEVELOPMENT OF THE ENGLISH NOVEL. (3 hrs.)

The study of the changing forms and themes of prose fiction from the Elizabethan Age through the novels of Thomas Hardy. The novels to be read are chosen from the following authors: Richardson, Fielding, Sterne, Walpole, Austen, Scott, Dickens, Thackeray, Eliot, Emily Bronte, Meredith, and Hardy. Alternates with English 63. Not offered in 1941-1942.

Mr. Alexander

68. THE DEVELOPMENT OF THE ENGLISH DRAMA. (3 hrs.)

A survey of the English dramatic literature from the middle ages to the modern era, exclusive of Shakespeare. Representative plays will be read from the following

periods: the middle ages, the Elizabethan and Jacobean age, the Restoration, the nineteenth century, the Irish literary revival. Prerequisite, six semester hours in English literature. Alternates with English 70. Not offered in 1941-1942.

Miss Hoagland

70. CONTEMPORARY LITERATURE. (3 hrs.)

Poetry, novel, and drama. Drama from Ibsen to Odets; poetry from Bridges to MacLeish; novel from James to Cather. Prerequisite, six semester hours in English literature. Alternates with English 68.

T., Th., S. 10:00

Miss Hoagland

86. TEACHING OF ENGLISH. (2 hrs.)

The aims, methods, and materials of teaching English in secondary schools. Open to upperclassmen who expect to teach English. It is urged that this course be taken in the junior year, so that the result of it may be available for practice teaching in the senior year. Not offered in 1941-1942.

Mr. Alexander

87-88. SEMINAR IN ENGLISH LITERATURE. (1 hr.)

A course for advanced students majoring in English. A correlating and supplementing of the work done in previous courses. Extensive reading. Of value for the comprehensive examination.

M. 4:30

Miss Hoagland

Miss Carrigan

Mr. Alexander

91-92. PROBLEMS IN LITERATURE. (1 hr.)

Conferences, papers, and reports on minor research problems. Limited to seniors of superior achievement who are majoring in English.

Hours to be arranged.

Miss Hoagland

Mr. Alexander

JOURNALISM

53. REPORTING. (3 hrs.)

A study of the techniques and values in news reporting. Emphasis on learning to write clearly, forcefully, and distinctly. The writing of a daily news story and a weekly feature will be requirements of the course. Alternates with Journalism 63. Prerequisite, six semester hours of English.

M., W., F. 11:00

Mr. Roberts

54. JOURNALISTIC TYPES. (3 hrs.)

A study of the essay, satire, short story, feature, biography, and magazine article, with written work concentrated on one type to be selected by the student. Prerequisite, six semester hours of English. Alternates with Journalism 64.

M., W., F. 11:00

Mr. Roberts

63. FEATURE WRITING. (3 hrs.)

The writing of special features for magazines and trade journals, and the submission of at least ten articles for publication. How to find themes to write about, how to handle the material, and how to put together the finished product. Admission by permission of instructor. Alternates with Journalism 53. Not offered in 1941-1942.

Mr. Roberts

64. EDITORIALS AND PUBLIC OPINION. (3 hrs.)

A study of editorials, columns, motion pictures, and radio both as reflectors and moulders of public opinion. The writing of a daily editorial will be one requirement of this course. Prerequisite, six semester hours of English. Alternates with Journalism 54. Not offered in 1941-1942.

Mr. Roberts

65. ADVERTISING. (3 hrs.)

A study of department store, financial, and business advertising programs, buying motives, sales appeals, copy-writing, layout and direct mail. Admission by permission of the instructor.

M., W., F. 10:00

Mr. Roberts

66. HISTORY OF AMERICAN JOURNALISM. (3 hrs.)

Journalistic backgrounds followed by a development of American newspapers and magazines from colonial days to the present. A parallel study of the rise of advertising. Present day trends of news dissemination.

M., W., F. 10:00

Mr. Roberts

71. SHORT STORY. (3 hrs.)

A study of short story types, and the writing of fifteen short stories. Admission by permission of instructor.

T., Th., S. 10:00

Mr. Roberts

72. PLAY WRITING. (3 hrs.)

A study of modern plays and the writing of six one act plays and two three act plays. Admission by permission of instructor.

T., Th., S. 10:00

Mr. Roberts

91-92. PROBLEMS IN JOURNALISM. (1 or 2 hrs.)

The undertaking of sustained work in features, plays, short stories, radio, or advertising. Admission only by permission of the instructor. Personal direction of individual projects and criticism of manuscripts. Open to superior students who are majoring or minoring in the department.

Hours to be arranged.

Mr. Roberts

SPEECH AND DRAMATICS

41. ELEMENTS OF SPEECH. (3 hrs.)

The fundamentals of speech, including tone production and control, platform presence, organization of material, and some work in the delivery of extemporane-

ous speeches. This course may be followed by Speech 42 or Speech 44. Enrollment limited to twenty students in each section.

Sec. 1, M., W., F. 11:00

Sec. 2, M., W., F. 2:00

Mr. Booth

42. PUBLIC SPEAKING. (3 hrs.)

The practical application of the principles of speech. Prerequisite, Speech 41 or the special permission of the instructor. Enrollment limited to twenty students.

M., W., F. 11:00

Mr. Booth

44. ARGUMENT. (3 hrs.)

A study of the principles of logic and psychology which underlie the art of persuasion, followed by practice in application of the theories developed. Prerequisite, Speech 41 or the special permission of the instructor. Enrollment limited to twenty students.

M., W., F. 2:00

Mr. Booth

45-46. PLAY PRODUCTION. (3 hrs.)

To promote an understanding and appreciation of the theatre from the point of view of the actor, director, technician, and audience. Study and participation in the activities of the theatre and the radio. Practical work in stagecraft, movement, makeup, pantomime, etc. Alternates with Speech 47-48.

Hours to be arranged.

Mr. _____

47-48. THEATRE ARTS. (3 hrs.)

An exposition of the continuity of theatrical development. Outside reading of biographies and critical reviews. Critical study of current plays, historical trends, and production problems. Alternates with Speech 45-46. Not offered in 1941-1942.

68. DRAMATIC LITERATURE. (3 hrs.)

See English 68.

MODERN LANGUAGES

PEARL MAHAFFEY, HEAD OF THE DEPARTMENT

NEIL H. GRAHAM, ASSISTANT PROFESSOR

EARL D. MCKENZIE, ASSISTANT PROFESSOR

AIMS:

The aim of the department is (a) to introduce students to the language, literature and culture of France, Germany and the Spanish speaking countries; (b) to provide training in reading facility for students who may be interested in scientific or historical study requiring the language as a "tool subject"; and (c) to give adequate training in language, literature and expression to students who are preparing to be teachers, translators, or representatives in foreign service.

REQUIREMENT FOR A MAJOR IN FRENCH:

Twenty-four hours in French, above French 11-12, with eighteen hours in the upper-division. French 65-66 is required and History 51-52, English 33-34 and English 53-54 are strongly recommended. To be recommended to teach any one of the modern languages the student must have completed French 85.

REQUIREMENT FOR MINOR IN FRENCH, GERMAN OR SPANISH:

At least eighteen hours in the same language. History 51-52 and History 63 are recommended.

FRENCH**11-12. FIRST YEAR FRENCH. (3 hrs.)**

Fundamentals of grammar, pronunciation and composition. Emphasis on reading. For students who have no acquaintance with the language. A continuous course.

Sec. 1, T., Th., S. 8:00

Mr. Graham

Sec. 2, M., W., F. 8:00

Mr. Graham

31-32. INTERMEDIATE FRENCH. (3 hrs.)

Grammar review, composition, dictation, intensive and extensive reading. Emphasis on reading. Prerequisite, French 11-12, or a satisfactory standing in an achievement test. A continuous course. This course is for those who have studied French in secondary school.

Sec. 1, T., Th., S. 10:00

Mr. McKenzie

Sec. 2, M., W., F. 1:00

Miss Mahaffey

Sec. 3, M., W., F. 2:00

Miss Mahaffey

Note: Students who have studied French before entering college will be given a placement test at the beginning of the college year. Those showing required proficiency will be enrolled in French 31-32; those of superior attainments may enter a course in literature with permission of the head of the department.

51-52. CONVERSATION. (2 hrs.)

Study of prose composition, syntax, and phonetics. Dictation and conversation. Prerequisite, French 31-32.

T., Th. 3:00

Mr. Graham

55-56. MODERN DRAMA. (3 hrs.)

French drama of nineteenth and twentieth centuries. Prerequisite, a reading knowledge of French. Conducted in French. Alternates with French 61-62.

T., Th., S. 9:00

Miss Mahaffey

61-62. NOVEL. (3 hrs.)

The French novel from its beginning to the twentieth century. Prerequisite a reading knowledge of French. Alternates with French 55-56. Not offered in 1941-1942.

Miss Mahaffey

63-64. CONTEMPORARY LITERATURE. (3 hrs.)

Selections from contemporary French writers read for understanding and appreciation. Prerequisite, a reading knowledge of French.

M., W., F. 11:00

Mr. Graham

65-66. HISTORY OF FRENCH LITERATURE. (3 hrs.)

Survey of French literature from the early periods to the present time. French readings from an anthology, lectures, library work, term papers. A general course for all students. Prerequisite, a reading knowledge of French. Alternates with French 71-72. Not offered in 1941-1942.

Miss Mahaffey

71. SEVENTEENTH CENTURY DRAMA. (3 hrs.)

Study of the plays of Corneille, Racine and Moliere, as representatives of the Classical spirit in France. Conducted in French. Alternates with French 65.

T., Th., S. 10:00

Miss Mahaffey

72. NINETEENTH CENTURY POETRY. (3 hrs.)

Study of schools of poetry, Romanticism, Parnassian, Symbolism. Conducted in French. Alternates with French 66.

T., Th., S. 10:00

Miss Mahaffey

82. SEMINAR FOR MAJOR STUDENTS. (2 hrs.)

Intensive study of French civilization and culture. Geography, history, government, education, science, press, art and music of France. Readings in French.

Hours to be arranged.

Miss Mahaffey

85. TEACHING OF MODERN LANGUAGES. (2 hrs.)

Teaching methods and problems in modern language. A thoroughly practical course for prospective teachers at the secondary school level. Required of all students who expect the recommendation of the department as teachers of French, German, or Spanish.

Hours to be arranged.

Miss Mahaffey

91 or 92. PROBLEMS. (1 or 2 hrs.)

Independent study for advanced students. Study to be in field of French literature or linguists. Open only to superior students majoring in French.

Hours to be arranged.

Miss Mahaffey and Mr. Graham

GERMAN

11-12. FIRST YEAR GERMAN. (3 hrs.)

Fundamentals of grammar, composition and reading, with emphasis on reading. For students who have no acquaintance with the language. A continuous course.

Sec. 1, T., Th., S. 9:00

Mr. McKenzie

Sec. 2, M., W., F. 10:00

Mr. McKenzie

31-32. INTERMEDIATE GERMAN. (3 hrs.)

Grammar, composition, intensive and extensive reading. Special emphasis on outside reading in student's major or minor field. Prerequisite, German 11-12 or satisfactory standing in achievement test. This course is for students who have studied German in secondary school. A continuous course.

M., W., F. 9:00

Mr. McKenzie

41-42. SCIENTIFIC GERMAN. (1 hr.)

Intended as a continuation of the scientific reading done in German 31-32. Readings in the journals and literature of the student's own field with reports and conferences. Prerequisite, a reading knowledge of German.

S. 11:00

Mr. McKenzie

51-52. CONVERSATION AND COMPOSITION. (1 or 2 hrs.)

Study of syntax, prose composition, dictation and conversation. Admission on approval of instructor.

T., Th. 1:00

Mr. McKenzie

57-58. NINETEENTH CENTURY. (3 hrs.)

Reading and critical study of the nineteenth century, especially Kleist, Hebbel, and Keller. Special emphasis on the drama and the Romantic school. Outside readings and class reports. Prerequisite, German 31-32 or equivalent. Alternates with German 67-68. Not offered in 1941-1942.

Mr. McKenzie

67-68. EIGHTEENTH CENTURY. (3 hrs.)

Readings of the works of Lessing, Goethe and Schiller with outside readings and class reports. Prerequisite, German 31-32, or equivalent. Alternates with German 57-58.

M., W., F. 11:00

Mr. McKenzie

SPANISH

11-12. FIRST YEAR SPANISH. (3 hrs.)

Fundamentals of grammar, composition, pronunciation and reading, with emphasis on reading. For students who have no acquaintance with the language. A continuous course.

Sec. 1, M., W., F. 1:00

Mr. Graham

Sec. 2, T., Th., S. 9:00

Mr. Graham

31-32. INTERMEDIATE SPANISH. (3 hrs.)

Grammar, oral work and reading. Practice in dictation, writing and speaking. Reading of modern prose and plays. Prerequisite, Spanish 11-12 or satisfactory standing in achievement test. This course is for students who have studied Spanish in secondary school. A continuous course.

M., W., F. 2:00

Mr. Graham

65-66. SURVEY OF SPANISH LITERATURE. (3 hrs.)

A general survey of the literature of Spain and of Spanish America. Literary masterpieces by representative authors of the classical period, the nineteenth century, and contemporary literature. Lectures, reading of representative works, and reports. Prerequisite: Spanish 31-32 or equivalent. Not offered in 1941-1942.

Mr. Graham

GROUP II—PSYCHOLOGY, PHILOSOPHY AND EDUCATION

EDUCATION

R. H. ELIASSEN, HEAD OF THE DEPARTMENT

F. H. KIRKPATRICK, PROFESSOR

AIMS:

It is the aim and plan (a) to stimulate an interest in and an awareness of educational objectives in public education; (b) to give professional training necessary for certification as secondary teachers in Ohio, Pennsylvania, West Virginia, and other states; (c) to offer background and some technical preparation for types of guidance and personnel work; and (d) to develop in teacher and personnel candidates the consciousness of education as a universal, continuous, socially permeating process.

REQUIREMENT FOR MAJOR:

A minimum of twenty-six hours in the department, to include the following courses: Psychology 42, Education 31, 51, 52, 61 or 65, 76, 91 or 92. Psychology 62, Sociology 53, Biology 11-12 and Speech 41-42 are strongly recommended.

REQUIREMENT FOR MINOR:

Twenty hours in the department, with the sequence of courses approved by the head of the department.

TEACHER TRAINING:

Students who are interested in teaching should confer with the head of the Department of Education before beginning upper division courses. Such a conference will give the student an understanding of the teaching profession, the requirements for certification in the various states, and the personal qualifications considered essential. Before a student is accepted for teacher training by the Department of Education, he must pass tests of proficiency in general culture and English usage.

31. INTRODUCTION TO EDUCATION. (3 hrs.)

Presents a comprehensive view of education—its aims, organization, and procedures. Planned to acquaint students with teaching as a profession and as an important agency in our social development. Wide reading from many sources and on many topics together with the preparation of a selective bibliography are requirements in the course.

M., W., F. 1:00

Mr. Eliassen

32. HISTORY OF EDUCATION. (3 hrs.)

A general survey of educational theory and practice from the days of ancient Greece to the present day. Considerable emphasis is placed on biographical studies of distinguished educators representing various periods in educational history. The pivotal aim of the course is to present modern educational development in the light of its historical antecedents.

M., W., F. 1:00

Mr. Eliassen

42. EDUCATIONAL PSYCHOLOGY. (3 hrs.)

See Psychology 42.

51. PHILOSOPHY OF EDUCATION. (3 hrs.)

Detailed study of the various philosophies of education as a basis of content and method of teaching. The relation of the philosophy of education to current theory and practice. The course is recommended to upper division students who do not expect to enter the teaching profession but who desire a working knowledge of education as a preparation for civic participation. Prerequisite, some training in psychology.

T., Th., S. 9:00

Mr. Eliassen

52. PRINCIPLES OF SECONDARY EDUCATION. (3 hrs.)

Stresses social and economic principles that govern secondary education in America as well as the immediate and ultimate aims to be realized. Important issues and trends receive emphasis. A library centered course that requires extensive reading and reports. A minimum of six observations in secondary schools is required.

T., Th., S. 9:00

Mr. Eliassen

53. EDUCATIONAL SOCIOLOGY. (2 hrs.)

See Sociology 53.

54. MENTAL HYGIENE. (2 hrs.)

A study of wholesome, effective personality adjustments, and of the more common causes of mental ill-health. Emphasis on emotions and the educative process and the application of mental hygiene in the classroom. Analysis and interpretation of the emotional and personality problems of school children. Alternates with Education 72.

M., W. 2:00

Mr. Kirkpatrick

55. STATISTICAL METHOD. (2 hrs.)

Elementary methods of handling quantitative data in educational or psychological studies. Frequency distribution, nature of measurement, central tendency, variability, zero-order correlation, and simple graphic methods. This course does not treat the development of statistical formulae or the mathematic theory underlying them.

M., W. 1:00

Mr. Kirkpatrick

61. EDUCATIONAL MEASUREMENTS. (2 hrs.)

Tests and testing procedures as significant elements in the educative process. Construction, use and interpretation of measurements of achievement, special abilities, and personality traits. Emphasis on achievement measurement in the secondary schools.

M., W. 2:00

Mr. Kirkpatrick

62. MENTAL MEASUREMENTS. (2 hrs.)

See Psychology 62.

65. VISUAL AND AUDITORY EDUCATION. (2 hrs.)

Emphasis on special materials and methods of visual and auditory education including motion pictures and radio. Problems of selection, integration, and evaluation will be stressed. The cinema and the radio as factors in character development considered in the light of recent research.

T., Th. 8:00

Mr. Eliassen

66. PROBLEMS OF SECONDARY TEACHING. (2 hrs.)

A practical course in the analysis and solution of problems of curricula, pupil-adjustment, teaching methods, supervision, organization and community relationships in junior-senior high schools. Problems being studied are stimulated by a seminar of the students enrolled in the course.

Hours to be arranged.

Mr. Eliassen

72. GUIDANCE. (2 hrs.)

A comprehensive view of the procedures and purposes in guidance and personnel work. Major objectives, interrelations, techniques, counseling, records, and organization for educational, vocational, and social guidance in the junior and senior high school. This course presupposes some training in psychology. Not offered in 1941-1942.

Mr. Kirkpatrick

74. EDUCATIONAL ADMINISTRATION. (2 hrs.)

Study of federal, state, and local administration of the schools. Functions of the board of education, superintendent, principal, and the teacher are stressed. Special consideration will be given to personnel problems of students and teachers. A minimum of six observations in some school system is required.

T., Th. 8:00

Mr. Eliassen

81 or 82. OBSERVATION AND DIRECTED TEACHING. (6 hrs.)

This course is offered each semester. Observations, participation activities, and student teaching under supervision in the secondary schools of Brooke and Ohio Counties. Observation and participation activities precede teaching but may alternate with teaching later in the semester. A notebook must be kept to preserve suggestions for self-improvement. Two group conferences are scheduled for each week and these are supplemented by individual conferences with critic teachers and the professor in charge of the course. Most of the teaching is done in the local

high school although students are urged to make use of other nearby high schools as well. Teaching shall be in the major or minor subjects. Each student will spend at least one period a day during the semester teaching or observing at the high school. This is an intensive training course for students seriously interested in teaching as a profession.

NOTE: Registration for this course is limited to seniors with at least 12 hours of professional training, an academic average of C, and satisfactory scores on tests of general culture and English usage which should be taken in the sophomore or junior years. Students will not be permitted to register for more than 16 semester hours (including this course) of academic work during the semester in which this work is carried on. An application for the privilege of doing directed teaching must be presented before registration can be completed. This application must include certification by the Admissions and Personnel Office to the effect that the requirements in professional training, scholarship, and achievement test standards have been met, as well as the approval of the head of the student's major department. The necessary blanks may be secured from the head of the department, and final enrollment also must depend on his approval.

Hours to be arranged.

Mr. Eliassen and Critic Teachers

85 or 86. SPECIAL METHODS. (2 or 3 hrs.)

Many departments of the college offer courses in the teaching of the corresponding secondary school subjects. These courses present the most approved methods in teaching subjects at the secondary school level. Such courses are open only to juniors and seniors who expect to teach. The following are the special methods courses offered:

Latin 85	History 85	Mathematics 86
English 86	Secretarial Tr. 85-86	Physics 85
French 85	Biology 85	Music 85-86
Phys. Ed. 85	Chemistry 85	

91 or 92. PROBLEMS. (1 or 2 hrs.)

Independent study and investigation in the field of professional education. Open only to students of unusual ability and adequate background in the field of education.

Hours to be arranged.

Mr. Eliassen and Mr. Kirkpatrick

PSYCHOLOGY AND PHILOSOPHY

ANDREW LEITCH, HEAD OF THE DEPARTMENT

D. E. STEVENSON, INSTRUCTOR

AIMS:

Psychology is intended to acquaint the student with the facts and laws of behavior, especially human behavior—physical and mental, normal and abnormal—and with the experimental and scientific approach to problems in this field. The courses offered are designed (a) to enable the student to develop a wholesome personality and to make adequate social adjustments;

(b) to give background preparation for professions which relate to individual and group behavior; and (c) to lay a broad foundation for graduate work and professional study in this or some related field.

PSYCHOLOGY

REQUIREMENT FOR MAJOR:

At least twenty-four hours of psychology, which must include Psychology 31-32, 42, 53, 62, 64, 76, and 77. A major should also include Biology 11-12 and Education 55. Biology 43, Education 54, and Sociology 31-32 are recommended.

REQUIREMENT FOR MINOR:

At least eighteen hours of psychology, which must include psychology 31-32, 53, 62, and 64. Education 55 is recommended.

31-32. GENERAL PSYCHOLOGY. (3 hrs.)

An introductory course providing a systematic study of the most important facts and laws of behavior and mental life. Emphasis on their practical significance in the professions, business, industry, and everyday life. Class experiments and laboratory demonstrations. A continuous course.

Sec. 1, M., W., F. 9:00

Mr. Leitch

Sec. 2, M., W., F. 10:00

Mr. Leitch

42. EDUCATIONAL PSYCHOLOGY. (3 hrs.)

A study of the nature and laws of learning; original nature as conditioning learning; the amount, rate, limit, and permanence of improvement; factors and conditions affecting learning; transfer of training; mental fatigue; individual differences; efficient methods of study. Laboratory demonstrations and class experiments. Prerequisite, Psychology 31, preferably Psychology 31-32.

M., W., F. 11:00

Mr. Leitch

53. EXPERIMENTAL PSYCHOLOGY. (3 hrs.)

A laboratory course in which the student carries on a series of typical psychological experiments in sensory, motor, intellectual, and emotional processes. After learning the technique of psychological experimentation each student may investigate minor problems within his own interest. Students electing Psychology 53 should continue with Psychology 62 and 64. Prerequisite, six semester hours in Psychology.

Laboratory: T., Th., 1:00-3:00

Mr. Leitch and assistant

Discussion hour to be arranged.

55. SOCIAL PSYCHOLOGY. (3 hrs.)

A systematic study of the nature and causes of human social behavior. Social problems involved in such phenomena as race and sex differences, intelligence levels, the crowd, convention and custom, morale, leadership, social progress and deterioration, social adjustment and maladjustment. Prerequisite, six semester hours in Psychology. Alternates with Psychology 57. Not offered in 1941-1942.

Mr. Leitch

57. PSYCHOLOGY OF PERSONALITY. (3 hrs.)

An analysis of the nature of personality, its constituent elements, basic drives, integrating and disintegrating conditions, adequate and inadequate adjustments, with especial attention to the development of a wholesome personality. The measurement of personality. Prerequisite, six semester hours in Psychology. Alternates with Psychology 55.

T., Th., S. 10:00

Mr. Leitch

58. ABNORMAL PSYCHOLOGY. (3 hrs.)

A study of abnormal human traits and comparison with the normal. A systematic study of mental deficiency, the neuroses, the psychoses (insanity), and abnormal traits in everyday life. Study trips to nearby special classes and institutions for mental cases. Prerequisite, six semester hours in Psychology.

T., Th., S. 10:00

Mr. Leitch

59. CHILD PSYCHOLOGY. (2 hrs.)

A study of the physical, intellectual, emotional, social, and aesthetic development of the individual in infancy and childhood. The relation of maturation to learning. Observation of children and visits to special classes. Prerequisite, six semester hours in Psychology. Alternates with Psychology 61.

W., F. 11:00

Mr. Leitch

61. PSYCHOLOGY OF ADOLESCENCE. (2 hrs.)

A study of the development of the individual from pubescence through adolescence, with especial reference to the intellectual, emotional, social, educational, and moral problems of adolescent youth. Prerequisite, six semester hours in Psychology. Alternates with Psychology 59. Not offered in 1941-1942.

Mr. Leitch

62. MENTAL MEASUREMENTS. (2 hrs.)

A study of the more important techniques for the measurement of mental capacity, with especial attention to intelligence tests. Historical development, fundamental principles, validity and practical values of mental measurements. Laboratory demonstrations of individual mental testing. Practice in giving, scoring, and evaluating group tests. Prerequisite, six semester hours in Psychology.

T., Th. 1:00

Mr. Leitch

64. MENTAL TESTING AND DIAGNOSIS. (1 hr.)

A laboratory course in which the student has an opportunity to learn the technique of individual and group mental testing. In addition to the use of the psychological laboratory, liberal use is made of nearby public schools and college classes for individual examination and for mental surveys, with emphasis on evaluation of tests and diagnosis. A companion course of Psychology 62.

T., Th. 2:00

Mr. Leitch

65-66. INDUSTRIAL AND BUSINESS PSYCHOLOGY. (3 hrs.)

General treatment of the application of psychology to problems in the industrial

and business world. First semester: personnel selection and training, job analysis and evaluation, accidents and fatigue, employee supervision and motivation. Second semester: advertising, selling, and market research. Prerequisite, six semester hours in Psychology. Psychology 53 is recommended as a prerequisite. Offered in alternate years. Not offered in 1941-1942.

Mr. Kirkpatrick

76. CONTEMPORARY SCHOOLS OF PSYCHOLOGY. (1 hr.)

A study of the historical development and an evaluation of some of the more important trends and schools of contemporary psychology, such as introspectionism, behaviorism, psychoanalysis, Gestalt, etc. Limited to students majoring or minoring in psychology who have at least twelve semester hours in the department. Not offered in 1941-1942.

Mr. Leitch

77. CURRENT PSYCHOLOGICAL LITERATURE. (1 hr.)

Extensive reading in the psychological journals and intensive study of some recent project in psychological research. Limited to students majoring or minoring in psychology who have at least twelve semester hours in the department. Not offered in 1941-1942.

Mr. Leitch

91-92. PROBLEMS. (1 or 2 hrs.)

An advanced course for a limited number of major students in the department. Individual work on experimental problems or investigations in which the student is especially interested. Limited to seniors who are qualified for minor research. May be elected only with the approval of the head of the department.

Hours to be arranged.

Mr. Leitch and Mr. Kirkpatrick

PHILOSOPHY

AIMS:

Philosophy aims at a study of the problems of life, especially the more persistent problems of reality, knowledge, morality, religion, and social life, that the student may develop habits of thinking clearly and thinking complete thoughts which integrate his knowledge from different fields into a unified whole thus affording him "vision in the light of the whole."

REQUIREMENT FOR MINOR:

Eighteen hours of philosophy, with the sequence of courses approved by the head of the department.

53-54. HISTORY OF PHILOSOPHY. (3 hrs.)

A rapid survey of Western philosophical thought from the seventeenth century B.C. to modern times. Class lectures will be supplemented by readings in the English translations of original writings, readings in the text, and by papers and discus-

sions tracing the philosophical sources of modern ideas in certain matters of government, ethics, education and religion. Offered in alternate years. Not offered in 1941-1942.

Mr. Stevenson

57. ETHICS. (3 hrs.)

An introductory course combining the historical and systematic approach to the main types of ethical theory. Problems of individual and social morality which confront modern thought will receive special consideration in the second half of the semester. Lecture, forum, collateral readings and papers.

T., Th., S. 8:00

Mr. Stevenson

58. REFLECTIVE THINKING. (3 hrs.)

An analysis of the nature of reasoning and reflective thinking; erroneous thinking; principles and methods of inductive and deductive reasoning. The best of formal logic will be combined with the best principles of critical thinking as developed by John Dewey and others. Readings and course content rich in examples from current articles and speeches.

T., Th., S. 8:00

Mr. Stevenson

59. FRONTIERS OF THOUGHT. (3 hrs.)

A course in philosophical problems designed to introduce the student to actual experience in the philosophic method. A consideration of certain problems of life and thought approached from the standpoint of meanings and values. Individual and group research supplementary to class lecture and forum. Brief papers and reports. Not offered in 1941-1942.

Mr. Stevenson

60. PHILOSOPHY OF RELIGION. (3 hrs.)

Investigation of the life situation out of which religion rises for the individual and society; a study of religion in belief and in practice. The topics, God, evil, freedom, immortality, prayer, and revelation will be considered under religious beliefs. In the study of religion in practice discussion will center on organized religion, the cultus, and the relation of church and society. Not a survey of types of religious philosophy but a consistent system rooted in the thought of E. S. Brightman and kindred thinkers. Not offered in 1941-1942.

Mr. Stevenson

61-62. PLATO AND ARISTOTLE. (3 hrs.)

First semester: A critical study and class room discussion of the philosophy of Plato and its influence on ancient and modern thought and culture. Readings of selected dialogues, informal lectures, collateral reading in historical and critical backgrounds. Second semester: A critical study of selections from Aristotle and Lucretius, with collateral readings in the literature of Stoicism, Epicureanism, and Neo-Platonism. Informal lectures and class discussions. An advanced course.

M., W., F. 11:00

Mr. Gay

PHYSICAL EDUCATION AND HEALTH

J. J. KNIGHT, HEAD OF THE DEPARTMENT

W. E. BOETTCHER, ASSISTANT PROFESSOR

_____, INSTRUCTOR

AIMS:

It is the aim and plan of the department of physical education and health
 (a) to promote the health education and physical development of the student;
 (b) to provide opportunities for students to participate in and secure a reasonable degree of proficiency in physical recreation activities; and (c) to train physical education and play leaders for educational, industrial, and community situations.

REQUIREMENT FOR MAJOR:

A minimum of thirty hours which should include the following courses: Physical Education 15 or 16, 37, 67, 70, 76, 77, and 85. Sociology 66, Economics, 53, and Education 54 are recommended.

REQUIREMENT FOR MINOR:

A minimum of twenty hours in the department with the sequence of courses approved by the head of the department.

REQUIREMENT FOR ALL STUDENTS:

Freshmen—Physical Education 11-12 is required. Physical Education 15 or 16 may be elected in the freshman year.

Sophomores—Two semester hours in any activity course in the department and Physical Education 15 or 16, if not elected in the first year. Students who are physically unfit as certified by the college physician may petition to be allowed to substitute hours in other courses in lieu of activity courses in physical education. Students who are not candidates for a degree may be exempt from the requirement in physical education. Any petition for exemption from physical education should be addressed to the Committee on Admissions and Classifications.

11-12. FRESHMAN PHYSICAL EDUCATION. (1 hr.)

Outdoor and indoor activities. Adapted to abilities of the student. Instruction in the technique and rules of a wide variety of individual and team games. Required of all freshmen. An activity course.

Men:

Mr. Boettcher and assistants

*Sec. 1, M., W., F. 9:00**Sec. 2, M., W., F. 2:00**Women:*

Miss _____ and assistants

*Sec. 1, M., W., F. 10:00**Sec. 2, M., W., F. 3:00*

15 or 16. PERSONAL HYGIENE. (2 hrs.)

Fundamental knowledge of personal hygiene and how the health of the individual

may be conserved. Especially for freshmen and sophomores. Offered each semester.

First Semester: W., F. 3:00

Mr. Boettcher

Second Semester: T., Th. 1:00

21-22. TAP AND CHARACTER DANCING. (1 hr.)

A practical course starting out with elementary tap steps and combinations working up to finished routines and dances. Open to men and women. An activity course.

T., Th. 1:00

Miss ————

23-24. FOLK DANCING. (1 hr.)

A practice course in folk dancing from many countries. English and American country dances are studied during the first semester and European folk dances during the second semester. Open to men and women. An activity course.

W., F. 11:00

Miss ————

25-26. SOPHOMORE PHYSICAL EDUCATION. (1 hr.)

A practice course dealing with individual and team sports. Intended for sophomores who want to elect a general recreation course. An activity course.

Men:

Mr. Boettcher and assistants

Hours to be arranged

Women:

Miss ———— and assistants

T., Th. 2:00

31. SCOUTING. (1 hr.)

Fundamentals of scouting. Elements of scout leadership, troop and pack management, program planning, camping, etc. A practical course involving experience with the local troop and occasional visits to Camp Bethany.

M., W. 1:00

Mr. Boettcher

32. COMMUNITY HYGIENE. (2 hrs.)

A study of health matters pertaining to the group. Not offered in 1941-1942.

Mr. Boettcher

34. CAMPING AND OUT DOORS. (1 hr.)

See Biology 34.

35. ELEMENTARY SWIMMING. (1 hr.)

Instruction for beginners in buoyance and floating test. Preliminary tests for swimming, and such strokes as elementary back, side and single over arm. An activity course.

Men:

Mr. Boettcher and assistant

T., Th. 2:00

Women:

Miss ———— and assistant

M., W. 2:00

36. ADVANCED SWIMMING. (1 hr.)

Instruction in the correct form of the more advanced strokes as the trudgen, American crawl, racing back, and breast. Diving and life-saving. Prerequisite, Physical Education 35 or equivalent. An activity course.

Men: Mr. Boettcher and assistant

T., Th. 2:00

Women: Miss ——— and assistant

M., W. 2:00

37. PLAYGROUND MANAGEMENT. (3 hrs.)

Instruction in playground management, group games, relays, stunts, rhythmic material for elementary children. Two hours of theory and one hour of practice.

T., Th., S. 10:00

Miss ———

39. PREVENTION AND CARE OF INJURIES. (2 hrs.)

Common hazards of play and athletics with a study of prevention measures and treatment of injuries. Red Cross First Aid Certificate may be earned by those who pass the examination.

M., W. 1:00

Mr. Knight and others

45. TUMBLING AND STUNTS. (1 hr.)

Practice course beginning with individual stunts leading to advanced group work. Open to men and women. An activity course.

Hours to be arranged.

Mr. Knight

46. GYMNASTICS AND APPARATUS. (1 hr.)

A survey course of various gymnastic systems and practice in apparatus. An activity course. Not offered in 1941-1942.

Mr. Boettcher

47-48. THEORY AND PRACTICE OF TEAM SPORTS. (1 hr.)

Intensive practice with opportunity to officiate in team sports. Sports for men: touch football, soccer, speedball, volleyball, basketball, and baseball. Sports for women: hockey, soccer, speedball, volleyball, basketball, and baseball.

Hours to be arranged.

Mr. Boettcher and Miss ———

51-52. MODERN DANCING. (1 hr.)

A practice course in contemporary dancing, emphasizing the use of fundamental expressive movements in creative work. An activity course.

T., Th. 9:00

Miss ———

53. COACHING FOOTBALL. (2 hrs.)

A survey course of various gymnastic systems and practice in apparatus. Prerequisite, players, rules of the game from the viewpoint of the player, coach, official and spectator.

M., W. 9:00

Mr. Knight

54. COACHING BASKETBALL. (2 hrs.)

A study of fundamentals, offensive and defensive styles of play, conditioning players, rules of the game and officiating. The place of basketball in the intramural program.

M., W. 9:00

Mr. Knight

56. BASEBALL, TRACK AND FIELD. (2 hrs.)

A study of the strategy and fundamentals of baseball, track and field. Not offered in 1941-1942.

Mr. Knight

58. COMMUNITY RECREATION. (2 hrs.)

The new leisure and its meaning, education for leisure, effect of leisure on personality, recreation and social maladjustment, recreation and movements and activities in the United States and foreign countries, and various sociological aspects of leisure and recreation.

T., Th. 10:00

Miss _____

67. PHYSIOLOGY. (3 hrs.)

Structure and functions of the human body and the mechanism of bodily movements, responses, reactions, and various physiological states. Prerequisites, Biology 11-12 and Biology 36. Required of all majors in Physical Education. Not offered in 1941-1942.

Mr. Weimer, Dr. Jacob, and assistants

70. KINESIOLOGY. (3 hrs.)

A study of fundamental bodily movements, with inquiry as to how they are performed, their reaction on the body, and their relation to bodily development and bodily efficiency. Prerequisite, Biology 36 and Biology 67.

M., W., F. 1:00

Mr. Boettcher

72. CORRECTIVE GYMNASTICS AND NORMAL DIAGNOSIS. (2 hrs.)

A study of variations of the normal types of the human organism at different age levels. Therapeutic measures will be evaluated, especially those which refer to the correction of mechanical defects. Prerequisite, Biology 36 and Biology 67.

Hours to be arranged.

Mr. Boettcher and Miss _____

74. ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION. (3 hrs.)

This course deals with administrative relationships and procedures in the conduct of physical education. For advanced students who are majoring or minoring in the department.

M., W., F. 10:00

Mr. Knight

76. THEORY AND PRACTICE OF INDIVIDUAL SPORTS. (2 hrs.)

Intensive practice in badminton, handball, archery, tennis, and golf. Knowledge of rules and tournament methods will be stressed. Open to both men and women.

M., W., F. 1:00

Mr. Knight and Miss _____

77. HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION.

(3 hrs.)

A survey of the development of physical education from ancient times to the present. A study of objectives in the physical education program and their relation to education in general. For students who are majoring or minoring in the department.

M., W., F. 11:00

Mr. Knight

85. METHODS OF HEALTH AND PHYSICAL EDUCATION. (3 hrs.)

Methods, materials, and techniques pertinent to the teaching of health and physical education. Prerequisite, Physical Education 15 or 16, Physical Education 32, and Biology 67.

T., Th., S. 10:00

Mr. Knight

91-92. PROBLEMS. (1 or 2 hrs.)

For advanced students of unusual ability in physical education who can undertake special problems for study or who are prepared to develop and project a program. Readings, reports, and projects will be required.

Hours to be arranged.

Mr. Knight and members of the staff

EQUIPMENT:

Men and women taking activity courses in physical education must wear regulation gymnasium apparel. For the men this consists of basketball or gymnasium shoes, white socks, white gymnasium shirts, pants, and sweat suits. For women the regulation costume consists of a green and white washable suit, sweat shirt, white sneakers, and socks, purchased through Bethany College Book Store.

NOTE: A season's work in varsity athletics, i.e. football, basketball, track, or tennis is credited with one hour of physical education provided proper course registration is made. Only two physical education hours may be obtained through varsity athletics.

GROUP III—SOCIAL STUDIES

ECONOMICS AND BUSINESS ADMINISTRATION

CLYDE J. CROBAUGH, HEAD OF THE DEPARTMENT

EDWARD R. BOWDEN, INSTRUCTOR

AIMS:

The courses are designed (a) to give an understanding of the principles involved in economic behavior, of the relationships and process of the modern economic system, and of the relationships between this system and government; (b) to develop ability in the analysis of economic problems; (c) to furnish a basis for intelligent citizenship in dealing with the complex socio-economic problems; (d) to equip the student with fundamental and some technical preparation for business; and (e) to provide preparation for teaching economics and for post-graduate or professional study.

REQUIREMENT FOR MAJOR:

Twenty-four semester hours of which eighteen hours must be in the upper division courses. The major must include Economics 51-52 and Economics 83-84. Students wishing to go directly into a business organization should elect such courses as Economics 45, 46, 47, 61, and 62. Courses in political science and applied psychology are strongly recommended.

REQUIREMENT FOR MINOR:

Eighteen semester hours in an approved sequence are required for a minor in Economics. Nine hours must be in upper division courses.

34. ECONOMIC GEOGRAPHY. (3 hrs.)

Study of world production and distribution of food supplies, power resources and raw materials for manufacture, with reference to the natural and economic determining factors. Special consideration is given to these relationships in the United States and the Ohio River Valley. Open to freshmen.

M., W., F. 9:00

Mr. Sumpstine

43-44. PRINCIPLES OF ECONOMICS. (3 hrs.)

Study of the nature, scope and organization of economic activities in our modern society, fundamental principles and policies involved and their application to contemporary problems. This is a general course which lays the foundation for specialized study in the various branches of theoretical and applied economics. A continuous course. Not open to freshmen.

Sec. 1, M., W., F. 9:00

Mr. Crobaugh

Sec. 2, M., W., F. 10:00

Mr. Crobaugh

45. ELEMENTARY ACCOUNTING. (3 hrs.)

Elementary principles of accounting and their application to the sole proprietorship, the partnership and the corporation. Methods of collecting, recording and reporting accounting information. An introductory course providing the basis for an understanding of the financial reports of modern industry and units of government, and the fundamental principles for those wishing to pursue advanced work in Accounting. Class and laboratory work. Not open to freshmen.

T., Th. 1:00-3:00

Mr. Bowden

46. INTERMEDIATE ACCOUNTING. (3 hrs.)

Further application of the principles covered in Elementary Accounting; summary records, controlling accounts, partnership problems, corporation problems. Class and laboratory work. Prerequisite, Economics 45.

T., Th. 1:00-3:00

Mr. Bowden

47. STATISTICS. (3 hrs.)

Intended to provide an understanding of elementary statistical methods in handling economic and business data; the logic and validity of statistical methods as applied to both theoretical and practical problems of the social sciences, including the technique of tabulation and graphic presentation; index numbers; interpretation and use of statistical presentation. Not offered in 1941-1942.

Mr. Bowden

51-52. MONEY AND BANKING. (3 hrs.)

Development, nature and functions of various types of monetary systems and banking institutions; the principles of money, banking, and credit; proposals for price stabilization, the gold standard, managed currency, foreign exchange and international financial relationships, central banking, the Federal Reserve System, government and banking. Special attention is given to post-war developments and monetary and banking problems at the present time. Prerequisite, Economics 43-44.

M., W., F. 10:00

Mr. Bowden

53. LABOR PROBLEMS. (3 hrs.)

A study of the position of the wage earner in modern industrial society, the background of industrial relations, and such major problems as wages and income, hours of work, unionism and collective bargaining, strikes, scientific management, employer activities, insecurity and labor legislation. Prerequisite, Economics 43-44. Alternates with Economics 55.

M., W., F. 2:00

Mr. Bowden

54. INSURANCE. (3 hrs.)

Functions of the more important types of insurance through an analysis of their principles and practices. Life insurance and the various forms of social insurance. The legislation, policies and procedures of the various state and federal governments in connection with the Federal Social Security Act are given particular attention. Prerequisite, Economics 43-44. Alternates with Economics 56.

M., W., F. 8:00

Mr. Crobaugh

55. PUBLIC FINANCE. (3 hrs.)

Theories and principles of taxation; practical financial problems of federal, state, and local governments; public expenditures; kinds of taxes and other public revenues; public debt, methods and effects of borrowing; fiscal organization and administration; budgets. Prerequisite Economics 43-44. Alternates with Economics 53. Not offered in 1941-1942.

Mr. Bowden

56. PUBLIC UTILITIES. (3 hrs.)

A study of the economic conditions and problems in the light, power, and transportation industries; development, valuation and rate making; government aid, regulation, and operation in the United States and foreign countries. Prerequisite, Economics 43-44. Alternates with Economics 54. Not offered in 1941-1942.

Mr. Bowden

61. BUSINESS ADMINISTRATION. (3 hrs.)

The organization and management of business enterprise. This course serves particularly the students who wish a general survey of the structure, functions and techniques of business activities. Prerequisite or corequisite, Economics 43-44.

M., W., F. 8:00

Mr. Bowden

62. MARKETING. (3 hrs.)

Study of the marketing institutions, methods, trends and social and economic factors which influence these institutions; the channels of trade, the methods and costs of marketing, the nature and effects of competition in marketing; market policies, promotion and operations. Prerequisite, Economics, 43-44.

M., W., F. 8:00

Mr. Bowden

63. ADVANCED ACCOUNTING. (3 hrs.)

Theory and practical application involving problems of valuation of assets and liabilities, reserves, depreciation, capital accounts and profits, dividends, corporate consolidations, estates and trusts. Class and laboratory work. Prerequisite, Economics 46.

M., W., F. 9:00

Mr. Bowden

64. COST ACCOUNTING. (3 hrs.)

General methods of collecting costs of material, labor, and burden and incorporating them in the books of account; operation reports and cost statistics; interpretation of cost data for commercial and industrial organization; elimination of waste through proper costing. Class and laboratory work. Prerequisite, Economics 46.

M., W., F. 9:00

Mr. Bowden

65. BUSINESS LAW. (3 hrs.)

Study of a person's rights and obligations which relate to the usual business transactions. Stress is laid upon the elements of contracts, sales, agency relationships, and

negotiable instruments, though some time is devoted to other phases of law such as property, corporations, bankruptcy, and courts and court procedure. Not offered in 1941-1942.

Miss Sparks

66. SALES AND ADVERTISING. (3 hrs.)

A study of the principles and practices of oral and printed salesmanship and types of sales organizations and activities. The second half of the course deals with the psychology, art and strategy of advertising, advertising media and their effectiveness. Prerequisite, Economics 62. Alternates with Economics 68.

M., W., F. 2:00

Mr. Bowden

68. CORPORATION FINANCE AND INVESTMENTS. (3 hrs.)

Financial management of corporate enterprise; aspects of promotion, current administration, expansion, failure and reorganization. The latter half of the course is given to consideration of the theory of investment analysis, the operation of the stock market, and the Federal Security Commission. Prerequisite, Economics 43-44 and 45. Alternates with Economics 66. Not offered in 1941-1942.

Mr. Crobaugh

70. PURCHASING. (3 hrs.)

A study of the functions, duties, organization, and position of the purchasing department in various types of business. Attention is given to the larger administrative problems connected with the organization and operation of purchasing departments. Includes a study of commodities and prices. Prerequisite, Economics 43-44. Not offered in 1941-1942.

Mr. Bowden

71. CREDITS AND COLLECTIONS. (2 hrs.)

Includes the advantages and disadvantages of credit sales. Credit and collection policies and practices of the manufacturer, wholesaler, and retailer are discussed and evaluated. Attention is given to the sales aspect of the credit department as well as to the different forms of consumer credit. Prerequisite, Economics 43-44. Not offered in 1941-1942.

Mr. Crobaugh

73. INTERNATIONAL ECONOMIC POLICIES. (3 hrs.)

A survey course of the international commercial policies of nations. A study is made of the theory of international trade; the protection and free trade controversy; the reciprocal tariff bargaining policy of the United States; the export of capital; the control of raw materials; international cartels; and the merchant marine. Prerequisite, Economics 43-44 and six hours in upper division courses in the department.

M., W., F. 1:00

Mr. Crobaugh

83-84. ECONOMIC THEORY AND CONTEMPORARY PROBLEMS.

(3 hrs.)

A study of economic theory, and of important social and economic problems of the present time and the relationships between them and government. Analysis of pro-

posals for social reorganization, factors controlling production, relative values, and distribution. The general problem of social control and planning. Prerequisite, Economics 43-44 and six semester hours in upper division courses in the department.
M., W., F. 11:00 Mr. Crobaugh

91-92. SEMINAR IN ECONOMICS. (2 hrs.)

Emphasis on independent study. Members may study problems in theoretical or applied economics in which they are particularly interested and in accordance with individual needs and preparation. Limited to seniors majoring or minoring in economics. Group meetings and individual conferences. Prerequisite, at least fifteen semester hours in the department.

Hours to be arranged.

Mr. Crobaugh

HISTORY AND POLITICAL SCIENCE

W. K. WOOLERY, HEAD OF THE DEPARTMENT

CHANDLER SHAW, ASSISTANT PROFESSOR

AIMS:

The aims of the courses are (a) to acquaint the student with the record of mankind and the forces which have created that record; (b) to develop a critical faculty of interpreting the past; (c) to encourage an attitude of thought and concern on the present problems of public welfare; (d) to offer training for those who wish to teach history.

The courses in political science are intended to introduce the student to the theory and problems of government, and to provide training for professional careers in public service and in teaching the social studies.

REQUIREMENT FOR MAJOR:

Major students in history must elect not less than twelve semester hours in European history other than History 11-12, six semester hours in American history, and six hours in political science. Not less than eighteen hours must be taken in upper division, and it is recommended that twelve hours be taken in each of the last two years.

REQUIREMENT FOR MINOR:

The minimum requirement for a minor in history is eighteen hours in the department with not less than six hours of upper division work. Six hours of the minor may be in political science.

A minimum of eighteen hours is required for a minor in political science. History 41-42 or History 63-64 may be made a part of the eighteen hours. All courses in political science apply on the history major but do not alter the minimum requirement for that major.

EUROPEAN HISTORY

11-12. OUR CULTURAL HERITAGE. (3 hrs.)

A survey of the institutions and cultural achievements from the beginnings of

civilization to the Machine Age. Deals with political and economic systems, literature, philosophy, religion, art, architecture, and daily life. Outside readings include selections from the best literature and thought of past ages. Material civilization is illustrated with lantern slides. The course is intended as a foundation for the social sciences, English and foreign literatures, religion and the arts.

Sec. 1, M., W., F. 8:00

Mr. Shaw

Sec. 2, T., Th., S. 8:00

Mr. Shaw

31-32. EUROPE AND THE BRITISH ISLES. (3 hrs.)

A history of western Europe from the ninth century to the present. Though the course will touch the principal factors in the development of European civilization in general, the emphasis will be on British institutions and achievements. Recommended as a historical background for students planning to major in English.

T., Th., S. 9:00

Mr. Shaw

51-52. EUROPE SINCE 1789. (3 hrs.)

The political, social and cultural history of Europe from the beginning of the French Revolution. The course attempts to give an understanding of the conflicts and problems of the present day through the development of ideas, institutions, and diplomacy of the last hundred and fifty years.

M., W., F. 10:00

Mr. Shaw

65. GRAECO-ROMAN CIVILIZATION. (3 hrs.)

A study of the development of ancient culture from the fourth century B.C. to the early Middle Ages. A considerable amount of reading from the ancient authors will be expected. Alternates with History 67. Not offered in 1941-1942.

Mr. Shaw

66. THE MIDDLE AGES. (3 hrs.)

A survey of the institutions and culture of Europe from the fifth to the fifteenth centuries. Alternates with History 68. Not offered in 1941-1942.

Mr. Shaw

67. EARLY MODERN EUROPEAN HISTORY. (3 hrs.)

The history and culture of Europe from the Renaissance to 1789. Takes up the rise of modern states and of modern international conflicts. Intellectual and cultural development will be stressed. Alternates with History 65.

M., W., F. 2:00

Mr. Shaw

68. INTERNATIONAL RELATIONS SINCE 1933. (3 hrs.)

A review of the outstanding international events since Hitler came into power. Deals largely with the background and the causes of the second World War and with European diplomacy since the outbreak of the war. Alternates with History 66.

M., W., F. 2:00

Mr. Shaw

91. SEMINAR IN EUROPEAN HISTORY. (1 hr.)

For advanced students majoring in history. Reports will be assigned on special topics and an attempt will be made to coordinate all previous history courses. A reading knowledge of French or German is desired. Independent work with frequent conferences.

Hour to be arranged.

Mr. Shaw

AMERICAN HISTORY

41-42. AMERICAN HISTORY. (3 hrs.)

Political and social history of the American people from colonial settlements to the present.

T., Th., S. 10:00

Mr. Woolery

61. THE REVOLUTIONARY ERA. (3 hrs.)

Transition from colonies to nation, 1763 to 1815. The factors which moulded the American republic. Alternates with History 63. Not offered in 1941-1942.

Mr. Woolery

62. NATIONAL TRENDS SINCE 1865. (3 hrs.)

Development of national characteristics in the period of modernization. Economic growth and its consequences, political action, and problems of social welfare. Alternates with History 64. Not offered in 1941-1942.

Mr. Woolery

63. LATIN AMERICA AND THE UNITED STATES. (3 hrs.)

The political and economic growth of the republics of South and Central America, and their diplomatic relations with the United States. Alternates with History 61.

M., W., F. 2:00

Mr. Woolery

64. INTERNATIONAL RELATIONS OF THE UNITED STATES.

(3 hrs.)

American diplomatic problems, their origins and the development of policies. Present day questions are included. Alternates with History 62.

M., W., F. 2:00

Mr. Woolery

85. MATERIALS AND METHODS OF TEACHING HISTORY. (2 hrs.)

The aims, methods, and materials of teaching history in secondary schools. Open only to upper division students who expect to teach the social studies.

Hours to be arranged.

Mr. Woolery

92. SEMINAR IN AMERICAN HISTORY. (2 hrs.)

For advanced students majoring in History. Independent study and investigation, coordination of previous history courses, extensive reading and preparation of papers. Of value in preparation for comprehensive examination.

Hours to be arranged.

Mr. Woolery

POLITICAL SCIENCE

11-12. MODERN GOVERNMENTS. (3 hrs.)

The structure and functions of the national government of the United States, followed by a second semester's study of the more important present-day governments in Europe.

M., W., F. 11:00

Mr. Woolery

57. POLITICAL DYNAMICS. (3 hrs.)

The nature and effects of political ideas, the workings of parties, and the questions of political organizations and functions. Alternates with Political Science 79. Not offered in 1941-1942.

Mr. Woolery

58. PUBLIC ADMINISTRATION. (3 hrs.)

Concepts and methods in the application of rules of public policy to problems of nation, state and municipality. Alternates with Political Science 80. Not offered in 1941-1942.

Mr. Woolery

79. CONSTITUTIONAL LAW. (3 hrs.)

Principles of the constitutional law of the United States as established in decisions of the federal courts. Alternates with Political Science 57.

M., W., F. 9:00

Mr. Woolery

80. HISTORY OF POLITICAL THEORY. (3 hrs.)

History and analysis of the principal political theories from Plato to the present. Alternates with Political Science 58.

M., W., F. 9:00

Mr. Woolery

LIBRARY SCIENCE

21-22. LIBRARY SCIENCE. (3 hrs.)

A study of reference work, classification, cataloging, book selection and library economy. Open to freshmen, sophomores and juniors only. A continuous course.

Lecture: 1 hour per week—to be arranged.

Laboratory: 4 hours per week—to be arranged.

Mr. Lundeen

SECRETARIAL TRAINING

AIMS:

The department is especially (a) for students who want to prepare for office work and general business training; (b) for students who want to prepare for teaching commercial subjects in secondary schools by meeting certificate requirements in this field; and (c) for students who want training in typing and shorthand as a part of a larger educational program.

REQUIREMENT FOR MINOR:

Eighteen hours are required for a minor in this department. These must be arranged in sequence and buttressed by courses in economics and business administration.

11-12. BEGINNING TYPING. (2 hrs.)

Fundamentals of the touch system; study of the mechanical features of the standard typewriters and their care; exercises from copy and dictation; composition at the typewriter; personal and business-use forms; automatization drills; emphasis on accuracy and speed. A continuous course.

M., T., W., Th., F., S. 8:00

Miss Sparks

15-16. BEGINNING SHORTHAND. (3 hrs.)

Careful study of the principles of Gregg shorthand with emphasis on accurate outlines; drill on brief forms and phrase writing; timed dictation and transcription. Prerequisite or co-requisite, Secretarial Training 11-12. A continuous course.

M., T., W., F., S. 10:00

Miss Sparks

21-22. ADVANCED TYPING. (1 hr.)

Practice in typing the most commonly used forms of business letters, commercial and legal forms, statistical matter and business documents, as well as practice in manuscript arrangement; stencil cutting and use of carbon paper; dictation to and composition at the typewriter. Students who enter with one or two years of training in typewriting should confer with the instructor before enrollment. Prerequisite, Secretarial Training 11-12, or the passing of a theory and speed test. A continuous course.

M., W., F. 11:00

Miss Sparks

29-30. ADVANCED SHORTHAND AND TRANSCRIPTION. (3 hrs.)

Advanced dictation and transcription with emphasis on speed and accuracy in the transcription of notes and the effective display of such transcription. This course is also designed to broaden the student's knowledge of the technical phraseology in the various fields of business. Students with one or two years of shorthand should confer with the instructor. Prerequisite, Secretarial Training 15-16, or the passing of a theory and transcription test. A continuous course.

M., T., W., Th., F., S. 9:00

Miss Sparks

45. ELEMENTARY ACCOUNTING. (3 hrs.)

See Economics 45.

46. INTERMEDIATE ACCOUNTING. (3 hrs.)

See Economics 46.

49. OFFICE APPLIANCES. (2 hrs.)

Theory and practice in the use of various office appliances including dictaphone, duplicating devices, adding and listing machines, calculators, addressograph and

other office appliances. In addition, various systems of filing are taken up in detail with practical classroom work. One lecture, three hours of laboratory each week.
Hours to be arranged. Miss Sparks

50. SECRETARIAL PRACTICE. (3 hrs.)

A practical course covering the duties of a secretary; survey of opportunities in business and professions, office manner and attire, technique of applying for positions, managing callers, care of appointments, technique of telephoning and telegraphing, postal information, preparation of itineraries, editing and proof-reading, etc. Actual experience given in college offices. Prerequisite or co-requisite, Secretarial Training 29-30.

Lecture M., W. 1:00

Laboratory: 2 hours to be arranged.

Miss Sparks

52. BUSINESS CORRESPONDENCE. (3 hrs.)

Training in letter writing of common forms of typical business letters. Various types of letters are analyzed, such as letters of application, collection, credit, adjustment, and sales. The preparation of business reports is also considered. It is recommended that students have some training in typewriting. Not offered in 1941-1942.

Miss Sparks

65. BUSINESS LAW. (3 hrs.)

See Economics 65.

85. METHODS IN TEACHING JUNIOR BUSINESS TRAINING. (3 hrs.)

Includes a presentation of the subject matter and methods most suitable for giving instruction in the use of common business services both on a general information and a general vocational basis in junior and senior high schools. Not offered in 1941-1942.

Miss Sparks

86. METHODS IN TEACHING SHORTHAND, TYPEWRITING AND BOOKKEEPING. (3 hrs.)

A critical analysis of objectives, laws of learning, organization of material, tests, standards of achievement, and methods of teaching. Not offered in 1941-1942.

Miss Sparks

SOCIOLOGY

CLYDE J. CROBAUGH, ACTING HEAD OF THE DEPARTMENT
 ———, INSTRUCTOR

AIMS:

The curriculum in sociology is designed (a) to give an understanding and appreciation of human relationships, social institutions, social processes, and occupations; (b) to familiarize students with the nature and causes of the

social problems which they are most likely to find confronting them in their communities and occupations; (c) to equip the student with fundamental preparation for entering various kinds of social work; and (d) to provide preparation for teaching sociology and for post-graduate or professional study.

REQUIREMENT FOR MAJOR:

Twenty-four semester hours in the department. Sociology 81-82 must be included. Biology 11-12, Physical Education 58, Economics 53 and Education 55 are recommended.

REQUIREMENT FOR MINOR:

Eighteen semester hours in an approved sequence of which twelve hours must be in upper division courses.

31-32. GENERAL SOCIOLOGY. (3 hrs.)

The science of human relations, the phenomena of human behavior and the influences affecting it; forms and nature of culture and group life; primary social institutions, social processes, social change, and social control. Relation of the individual to these matters. A continuous course.

Sec. 1, T., Th., S. 8:00

Miss _____

Sec. 2, M., W., F. 1:00

Miss _____

43. HEREDITY AND EUGENICS. (2 hrs.)

See Biology 43.

51. CRIME AND ITS SOCIAL TREATMENT. (3 hrs.)

The social process by which individuals become criminals and delinquents, analysis of causative factors, the techniques of control, and the social treatment of crime. Field trips and special lectures are arranged. Prerequisite Sociology 31-32. Alternates with Sociology 61.

T., Th., S. 9:00

Miss _____

52. POPULATION PROBLEMS. (3 hrs.)

The history of population theories and policies; composition and growth of population, especially in the United States; qualitative aspects of the population problem with reference to eugenics; migration; control of population. Prerequisite Sociology 31-32. Alternates with Sociology 62.

T., Th., S. 9:00

Miss _____

53. EDUCATIONAL SOCIOLOGY. (2 hrs.)

A study of the needs of society and the educational functions and techniques of social groups and institutions meeting those needs. Of special interest to prospective teachers. Alternates with Sociology 65. Not offered in 1941-1942.

Miss _____

54. MARRIAGE AND THE FAMILY. (2 hrs.)

The development of marriage and the family; social functions; effect of recent changes; modern problems and tendencies of marriage and the family; programs

and proposed solutions for special difficulties. Prerequisite Sociology 31-32. Open only to upper division students. Alternates with Sociology 66. Not offered in 1941-1942.

Miss ———

55. SOCIAL PSYCHOLOGY. (3 hrs.)

See Psychology 55.

61. SOCIAL PROBLEMS. (3 hrs.)

A study of the major social problems in society—unemployment, poverty, dependency, delinquency, and crime. The causes of such problems; the study of them as forms of disorganization of personalities, of social institutions, and of communities, as these are influenced by various factors, particularly social change. Field trips are a part of the course. Prerequisite Sociology 31-32. Alternates with Sociology 51. Not offered in 1941-1942.

Miss ———

62. SOCIAL WORK. (3 hrs.)

Survey of the field of social work; the legal, social and economic background; organization, agencies, functions, and techniques; types of social case work, group social work, and institutional social work. Field activities are a part of the course. Prerequisites Sociology 31-32 and Sociology 61. Alternates with Sociology 52. Not offered in 1941-1942.

Miss ———

64. SOCIAL SERVICE PRACTICUM. (1 to 4 hrs.)

Student training and experience during the summer months on the staff of an approved social service agency, such as Hiram House in Cleveland. The training includes lectures, conferences, supervision of organized activities, field trips, notebooks, and examination. Only by prior arrangement with the head of the department can students be given an opportunity to earn credit in this way.

Mr. Crobaugh

65. CULTURAL ANTHROPOLOGY. (2 hrs.)

A study of primitive people and their institutions in prehistoric and modern times for the purpose of recognizing universal human traits and the backgrounds of modern civilization. Prerequisite, Sociology 31-32. Alternates with Sociology 53.

T., Th. 9:00

Miss ———

66. COMMUNITY ORGANIZATION. (2 hrs.)

Social structure and functions of the modern city; problems of country life—movements of the rural population, rural social unrest, poverty and maladjustment in rural life, historical background of modern urbanism; geographic and technologic bases of the city and urban region; suburbs and urban-rural relations; special, economic and social organization of urban populations. Understanding of the forces that promote or retard community development. Prerequisite, Sociology 31-32. Alternates with Sociology 54.

T., Th. 9:00

Miss ———

71. PUBLIC ASSISTANCE. (2 hrs.)

Local, state, and Federal organization for relief and public assistance. Analysis and evaluation of direct and work relief programs. Study of case materials dealing with principles and practices of public assistance of dependent children, the blind, the aged, and the unemployed. Prerequisite, Sociology 31-32 and Sociology 62. Alternates with Sociology 81. Not offered in 1941-1942.

Miss ———

72. SYSTEMS OF PUBLIC WELFARE. (2 hrs.)

Programs for the protection and care of socially, physically, and mentally handicapped as expressed in legislation and in work of public departments of cities, counties, and states. Attention is given to changing functions of governmental departments and to the development of preventive and constructive services. Prerequisite, Sociology 31-32 and Sociology 62. Alternates with Sociology 82. Not offered in 1941-1942.

Miss ———

73-74. SOCIAL THEORY AND CONTROL. (2 hrs.)

A summing-up study of the various systems, classic and modern, of explaining the social behavior of individuals. Sociological ideas of August, Comté, Spencer and others. The nature of social control, chief control devices, institutional pressures, and disruptive factors. Prerequisite twelve semester hours in sociology.

T., Th. 3:00

Mr. Crobaugh

**81-82. SEMINAR IN SOCIAL SURVEYS AND SOCIAL RESEARCH.
(2 hrs.)**

An advanced course for major and minor students in the department. The course has three purposes: (1) to integrate by summary and interpretation the preceding work in the department, (2) to offer instruction in the techniques and methods of social research, and (3) to give each student an opportunity to develop his particular interest through a specific study project. Prerequisite twelve semester hours of sociology and permission of the instructor. Economics 47 or Education 55 are recommended as prerequisites. Alternates with Sociology 71-72.

T., Th. 1:00

Miss ———

GROUP IV—SCIENCE AND MATHEMATICS

BIOLOGY

B. R. WEIMER, HEAD OF THE DEPARTMENT

W. J. SUMPSTINE, ASSISTANT PROFESSOR

AIMS:

The courses are intended (a) to acquaint the student with the living world around him and the fundamental dynamic life processes; (b) to demonstrate scientific methods of approach to problem solution; (c) to cultivate an attitude of inquiry and research; (d) to develop laboratory skill in various types of work in zoology, botany, and related fields; and (e) to train students as teachers of biology and for certain professional work related to this field.

Students who plan to teach or become professional biologists should elect the following sequence of courses: Biology 11-12, 36, 43, 48, 53, 57, 65, 67, 78, 81, 85, and 91 or 92.

Students preparing for work in medicine, dentistry, nursing or as laboratory technicians should elect the following sequence of courses: Biology 11-12, 36, 43, 53, 76, 78, 81, and 91 or 92.

REQUIREMENT FOR MAJOR:

At least twenty-four semester hours in the department following a sequence of courses approved by the head of the department. A minimum of twelve semester hours of chemistry, at least six of which are in organic chemistry, is desirable. A minor should be elected in a laboratory science. Either German or French should be elected to meet the graduation requirement in foreign languages.

REQUIREMENT FOR MINOR:

At least eighteen semester hours in the department exclusive of Biology 34 and Biology 85.

11-12. GENERAL BIOLOGY. (3 hrs.)

Systematic study of the fundamental structures and life processes of plants and animals, including man, and their important interrelationships together with special lectures and discussions of the most important principles of biology—environment, heredity, variation, and the theory of evolution. Required of all pre-medical students.

Lecture, Conference, Discussion:

Sec. 1, W., F. 1:00

Sec. 2, W., F. 2:00

Laboratory:

Sec. 1, M. 8:00-10:00

Sec. 2, M. 1:00-3:00

Sec. 3, T. 1:00-3:00

Sec. 4, Th. 1:00-3:00

Mr. Weimer, Mr. Sumpstine
and assistants

NOTE: Biology 11 will be repeated the second semester

Conference and Discussion: T., Th. 9:00

Laboratory: M. 1:00-3:00

Mr. Sumpstine
and assistants

34. OUR OUTDOORS. (1 hr.)

A general survey course in the field of man's natural environment from the standpoint of geology and biology. A series of field studies on

- a. Plant life
- b. Animal life with particular reference to
 1. Entomology
 2. Ornithology
- c. Physical geography
- d. Rocks and minerals
- e. The essentials of camping

The course is planned for those who desire a wider, general knowledge of the outdoors from the aesthetic and avocational viewpoint. Estimated cost of the course to the student exclusive of tuition including trips, food, and minor incidentals: \$5.00 to \$8.00. Not open to freshmen. Enrollment limited to fifteen.

Hours to be arranged.

Mr. Weimer and others

36. COMPARATIVE VERTEBRATE ANATOMY. (3 hrs.)

Study of the comparative anatomy of the representative forms of vertebrates. Laboratory study of the comparative anatomy of the shark, turtle, and cat. Prerequisite, Biology 11-12. Required of all pre-medical students. Conferences, discussion, and laboratory.

Conferences, discussion, and laboratory.

T., Th., S. 8:00-10:00

Mr. Weimer and assistants

43. HEREDITY AND EUGENICS. (2 hrs.)

A general course covering modern theories and laws of heredity and their relation to man. Alternates with Biology 85.

W., F. 9:00

Mr. Weimer

48. PLANT ECOLOGY AND LOCAL FLORA. (2 hrs.)

The identification of the common seed plants and ferns by the use of manuals and the study of the relation between plants and their environment. In the spring the work will consist mostly of field trips with occasional laboratory exercises. Prerequisite, Biology 11 or high school biology. Not offered in 1941-1942.

Mr. Sumpstine

53. BACTERIOLOGY. (3 hrs.)

Morphology and physiology of yeasts and bacteria, principles of laboratory technique, cultural characteristics, and environmental influences on bacterial growth. Special emphasis on the relation of bacteria to domestic and public health problems.

Conferences, discussion, and laboratory.

T., Th., S. 8:00-10:00

Mr. Sumpstine

and assistants

54. INDUSTRIAL BACTERIOLOGY. (2 hrs.)

A practical laboratory course with occasional lectures, dealing with water analysis, milk analysis, and general bacteriology of the food industries. This course is open to teachers, industrial workers of the Ohio River Valley, and all who are properly prepared and interested. Not offered in 1941-1942.

Mr. Sumpstine

57. PLANT MORPHOLOGY. (3 hrs.)

A thorough study of the structural characteristics of various type forms representative of the four great groups of plants with attention to ontogeny and phylogeny. Prerequisite, Biology 11-12.

Conferences, discussion, and laboratory.

M., W., F. 10:00-12:00

Mr. Sumpstine

58. PLANT PHYSIOLOGY. (3 hrs.)

A study of the fundamental life processes of plants; growth, irritability, food synthesis, and metabolism. Prerequisite, Biology 11-12. Some knowledge of physics and chemistry is desirable.

Conferences, discussion, and laboratory.

M., W., F. 10:00-12:00

Mr. Sumpstine

65. INVERTEBRATE ZOOLOGY. (3 hrs.)

Survey of the invertebrate animals including phylogeny and morphology. A laboratory study of representative forms of invertebrates will be made. Prerequisite, Biology 11-12.

Conferences, discussion, and laboratory.

T., Th., S. 8:00-10:00

Mr. Weimer

67. PHYSIOLOGY. (3 hrs.)

Structure and functions of the human body and the mechanism of bodily movements, responses, reactions, and various physiological states. Prerequisites, Biology 11-12 and Biology 36. Required of all majors in physical education. Not offered in 1941-1942.

Mr. Weimer, Dr. Jacob,
and assistants

76. HISTOLOGY. (3 hrs.)

Structure of the cell and its modifications into various tissues. Special attention will

be paid to the theory and practice of general histological technique. Prerequisite, Biology 11-12 and Biology 36. Alternates with Biology 78.

M., W., F. 8:00-10:00

Mr. Sumpstine

78. VERTEBRATE EMBRYOLOGY. (3 hrs.)

Nature and development of the tissues and organs in vertebrates. Embryos of chick and pig are studied in the laboratory. Prerequisite, Biology 11-12 and Biology 36. Alternates with Biology 76. Not offered in 1941-1942.

Mr. Weimer

81. CONTEMPORARY BIOLOGICAL INVESTIGATIONS AND LITERATURE. (1 hr.)

A survey of the fields of biological investigations and the current literature relating to investigations in those fields. Open only to juniors and seniors. Required of all Biology majors. Prerequisites, Biology 11-12 and Biology 36.

S. 11:00

Mr. Weimer

85. METHODS AND MATERIALS IN TEACHING BIOLOGY. (2 hrs.)

The aims and methods of teaching biology in the secondary schools. Special attention will be given to general laboratory procedure and technique. Prerequisite, sixteen hours of Biology and junior or senior rank. Alternates with Biology 43. Not offered in 1941-1942.

Mr. Sumpstine

86. MARINE BIOLOGY. (4-6 hrs.)

Credit is given for summer courses taken at the Marine Biological Station at Woods Hole, Massachusetts, or at any other station of similar rank.

91-92. PROBLEMS. (1 or 2 hrs.)

A course in theoretical and advanced morphological biology. The problem may be selected by the student, subject to the approval of the instructor, according to interest and future needs and may be in either:

- a. Advanced comparative anatomy of vertebrate or invertebrate types not previously studied; or
- b. Review of the literature relating to various fields of investigation in biology.
- c. Study of some problem in biological research.

No registration for the course will be permitted without previous conference with the instructor. Open only to juniors and seniors. Prerequisite, Biology 11-12, 36 and 65, or 36, 78 and superior achievement in these courses.

Conference and Laboratory hours to be arranged.

Mr. Weimer

CHEMISTRY

H. D. DAWSON, HEAD OF THE DEPARTMENT

J. W. REYNARD, INSTRUCTOR

AIMS:

It is the aim of the department (a) to contribute to a student's general culture, his understanding of the nature of the physical world and his understanding of the place of chemistry in industrial and business life; (b) to provide training in the scientific method and logical analysis; and (c) to provide major students with thorough and practical training in chemistry which may be useful in industrial, technical, or educational work.

REQUIREMENT FOR MAJOR:

Twenty-six hours in the department, to include Chemistry 11-12, 25-26, 61-62, 71, 75, and 87-88. The required courses are purposely maintained at a minimum to permit the greatest flexibility. Courses in biology, economics, mathematics, physics, English, and modern languages are recommended in terms of the needs and vocational plans of individual students.

REQUIREMENT FOR MINOR:

Eighteen hours with either sequence I or II as follows:

I. Chemistry 11-12, 26-26, 61-62.

II. Chemistry 11-12, 61-62, 71 and 75.

11-12. GENERAL CHEMISTRY. (3 hrs.)

This is a fundamental course in general chemistry. An introduction to qualitative analysis comprises a part of the work of the second semester. A continuous course.

Lecture, Conference, Discussion:

Sec. 1, W., F. 10:00

Sec. 2, T., Th. 10:00

Laboratory:

Sec. 1, T. 1:00-3:00

Mr. Reynard and assistants

Sec. 2, Th. 1:00-3:00

25-26. QUANTITATIVE ANALYSIS. (3 hrs.)

The study of gravimetric, electrolytic, volumetric, and colorimetric analysis. Prerequisite, Chemistry 11-12.

Lecture: M. 1:00

Mr. Reynard and assistants

Laboratory: W., F. afternoons

43. ADVANCED INORGANIC CHEMISTRY. (3 hrs.)

This is a continuation course in inorganic chemistry. Prerequisite, Chemistry 11-12. Alternates with Chemistry 51. Not offered in 1941-1942.

Mr. Reynard

45. ADVANCED INORGANIC LABORATORY. (1 hr.)

A laboratory course designed to accompany Chemistry 43. Alternates with Chemistry 51. Not offered in 1941-1942.

Mr. Reynard

51-52. ADVANCED ANALYTICAL CHEMISTRY. (3 hrs.)

This is a continuation course in analytical chemistry. Prerequisite, Chemistry 25-26. Chemistry 51 alternates with Chemistry 43 and 45. Chemistry 52 alternates with Chemistry 58.

Lecture: Hour to be arranged.

Laboratory: W., F. afternoons.

Mr. Reynard

58. ADVANCED QUALITATIVE ANALYSIS. (3 hrs.)

A systematic study of the theories and principles of qualitative analysis. Prerequisite, Chemistry 11-12. Alternates with Chemistry 52. Not offered in 1941-1942.

Mr. Reynard

61-62. ORGANIC CHEMISTRY. (3 hrs.)

This is an introductory course designed to meet the needs of the student electing chemistry as his major and the student in biological sciences. Prerequisite, Chemistry 11-12. A continuous course.

Lecture: T., Th. 1:00

Mr. Dawson and assistants

Laboratory: M. afternoon beginning 1:00 or 2:00

63-64. QUALITATIVE ORGANIC CHEMISTRY. (2 hrs.)

The study of a systematic method of separation, purification, and identification of organic compounds. Prerequisite, Chemistry 61-62. Alternates with Chemistry 65-66. Not offered in 1941-1942.

Mr. Dawson

65-66. ADVANCED ORGANIC CHEMISTRY. (3 hrs.)

This is a continuation course in organic chemistry. Prerequisite, Chemistry 61-62. Alternates with Chemistry 63-64. A continuous course.

Lecture: W., F. 1:00

Laboratory: open afternoons

Mr. Dawson

71-72. THEORY OF PHYSICAL CHEMISTRY. (4 hrs.)

This is a fundamental course in physical chemistry. Chemistry 71 is designed to meet the requirement of pre-medical students. Prerequisite or corequisite, Chemistry 61-62, Physics 31-32, and Mathematics 11-12. Chemistry 72 requires Mathematics 31-32 as an additional prerequisite or corequisite. This course must be accompanied by Chemistry 75-76.

M., W., F. 10:00

One hour to be arranged

Mr. Dawson

75-76. PHYSICO-CHEMICAL MEASUREMENTS. (1 or 2 hrs.)

Corequisite, Chemistry 71-72.

Laboratory: open afternoons

Mr. Dawson

81-82. INDUSTRIAL CHEMISTRY. (3 hrs.)

This is a general survey course dealing with the problems and economic questions involved in chemical manufacturing industries. Inspection trips made to industrial plants during vacation periods are required. Prerequisite, acceptable work in inorganic chemistry; prerequisite or corequisite, Chemistry 61-62. Offered in alternate years.

T., Th., S. 10:00

Mr. Dawson

85. TEACHING OF CHEMISTRY. (2 hrs.)

This is a special methods course which considers the essentials for the effective teaching of high school chemistry and does not count for either major or minor work in the department. Offered in alternate years. Not offered in 1941-1942.

Mr. Reynard

87-88. CHEMICAL LITERATURE. (1 hr.)

A study of some current professional journals. Reading in English, German and French.

Hour to be arranged

Mr. Dawson

91-92. PROBLEMS. (1 or 2 hrs.)

Independent study and investigation in the field of the student's interest. Open only to those of unusual ability and adequate background. Admission by permission of the head of the department.

Hours to be arranged

Mr. Dawson

GEOGRAPHY AND GEOLOGY

34. ECONOMIC GEOGRAPHY. (3 hrs.)

Study of world production and distribution of food supplies, power, resources and raw materials for manufacture, with reference to the natural and economic determining factors. Special consideration is given to these relationships in the United States and the Ohio River Valley. Open to freshmen.

M., W., F. 9:00

Mr. Sumpstine

35. PRINCIPLES OF GEOGRAPHY. (3 hrs.)

A discussion of the general principles of the science including such topics as earth origins and the results of the dynamic geographical agencies tending to change its surface. A study is made of the relation between environment and life with special reference to North America. Practical work in mineralogy, physiography, and stratigraphy is required during the course. Not offered in 1941-1942.

Mr. Sumpstine

36. HISTORICAL GEOLOGY. (3 hrs.)

The history of the earth as revealed by its strata. Laboratory and field study of the common fossils and local formations. Offered in alternate years. Not offered in 1941-1942.

Mr. Sumpstine

MATHEMATICS AND PHYSICS

W. H. CRAMBLET, HEAD OF THE DEPARTMENT

J. S. V. ALLEN, ASSISTANT PROFESSOR

W. H. SPRAGENS, INSTRUCTOR

AIMS:

The courses in mathematics are designed (a) to give the prospective teacher a thorough understanding and a wide appreciation of the fundamental ideas of elementary mathematics; (b) to contribute to the student majoring in science certain techniques and powers in the application of mathematics; (c) to provide the general student with a knowledge of the mathematical foundations of our civilization; (d) to give the prospective graduate student a firm foundation for later study and research.

The courses in physics are planned (a) to present a survey of the field of physics to the general student; (b) to teach the fundamentals of the science of physics to students who are training themselves for such professions as medicine, optometry, engineering, and the teaching of physics; and (c) to familiarize students expecting to enter graduate school with some of the more advanced material in physics. The scientific method is stressed both in its past applications in solving important problems in physics and for its future use by the student in solving new problems.

REQUIREMENT FOR MAJOR IN MATHEMATICS:

A minimum of twenty-four semester hours in mathematics including Mathematics 31-32. The upper division courses should include Mathematics 53-54. Students interested in science and engineering should elect Mathematics 71-72. Students interested in mathematics as a teaching subject should elect Mathematics 55-56. Two courses in the department should be taken in the senior year.

REQUIREMENT FOR MAJOR IN PHYSICS:

A minimum of twenty-four semester hours in physics is required. Students interested in science and engineering should elect Physics 52. Physics 91-92 and a reading knowledge of German and French are recommended for students expecting to do graduate work. A minor in mathematics or chemistry is strongly recommended. Major students in physics must have approval of the Academic Council.

REQUIREMENT FOR MINOR IN MATHEMATICS:

A minimum of eighteen semester hours in mathematics including Mathematics 31-32 and six hours work in the upper division.

REQUIREMENT FOR MINOR IN PHYSICS:

A minimum of eighteen semester hours in physics. Mathematics 11-12 and Mathematics 31-32 should be elected.

MATHEMATICS

11. MATHEMATICAL ANALYSIS. (3 hrs.)

Algebraic and trigonometric functions, graphical representation, equations, logarithms and the slide rule, solution of triangles, and binomial theorem. Prerequisite, satisfactory standing in mathematics placement test for freshmen.

Students ranking low in mathematics placement test for freshmen will be required to make up their deficiency in mathematics by attending a special work laboratory two hours each week until the deficiency is removed.

Sec. 1, T., Th., S.

Mr. Spragens

Sec. 2, M., W., F. 10:00

Mr. Allen

12. MATHEMATICAL ANALYSIS. (3 hrs.)

Determinants, quadratics and equations of higher degree, oblique triangles, the straight line, conic sections, and polar and parametric forms. Prerequisite, Mathematics 11 or three units of high school mathematics, including trigonometry, and high standing in mathematics placement test for freshmen.

Sec. 1, T., Th., S.

Mr. Spragens

Sec. 2, M., W., F. 10:00

Mr. Allen

21. ENGINEERING DRAWING. (3 hrs.)

Principles of engineering drawing, straight and curved line construction, projection, perspective, and isometric drawing.

Hours to be arranged

Mr. Allen

22. PLANE SURVEYING. (3 hrs.)

Care and use of surveying instrument, field problems, and computation and mapping. One hour class work and four hours field work each week.

Hours to be arranged

Mr. Cramblet

31-32. DIFFERENTIAL AND INTEGRAL CALCULUS. (3 hrs.)

Technique of differentiation and integration with applications, partial differentiation, and an introduction to infinite series. Prerequisites, Mathematics 11-12 or its equivalent. A continuous course.

T., Th., S. 8:00

Mr. Spragens

37. MATHEMATICS OF STATISTICS. (3 hrs.)

Mathematical theory of statistics, frequency distributions, measures of central tendency, dispersion, and correlation, regression equations, and the theory of prob-

ability. Prerequisite, Mathematics 11-12. Alternates with Mathematics 55. Not offered in 1941-1942.

Mr. Spragens

38. MATHEMATICS OF FINANCE AND INVESTMENT. (3 hrs.)

The operation of interest in annuities, amortization of debts and sinking funds, valuation of bonds, the experience table, and calculation of premiums for life insurance. Recommended for students majoring in economics. Prerequisite, Mathematics 11-12. Alternates with Mathematics 56. Not offered in 1941-1942.

Mr. Spragens

53-54. ADVANCED CALCULUS. (3 hrs.)

Real number system, theorem of the mean, power series, partial differentiation and its application to curves and surfaces, the integral, and an introduction to the theorem of Green and Stokes. Prerequisite, Mathematics 31-32. Alternates with Mathematics 71-72. Not offered in 1941-1942.

Mr. Spragens

55. INTRODUCTION TO HIGHER ALGEBRA. (3 hrs.)

Theory of equations, solution of cubic, quartic, and numerical equations, determinants, matrices, solutions of systems of linear equations, and an introduction to the fundamental concepts of algebra, class, group, field, number. Readings and lectures on the history of the topic discussed. Prerequisite, Mathematics 31-32. Alternates with Mathematics 37.

M., W., F. 3:00

Mr. Spragens

56. INTRODUCTION TO HIGHER GEOMETRY. (3 hrs.)

An introduction to synthetic projective geometry and its principal subgeometries, affine, Euclidean, and non-Euclidean, and a comparison of postulates and theorems comprising those geometries. Readings and lectures in the history of the topics discussed. Prerequisite, Mathematics 31-32. Alternates with Mathematics 38.

M., W., F. 3:00

Mr. Spragens

71-72. DIFFERENTIAL EQUATIONS. (2 hrs.)

Ordinary, total, and partial differential equations and their uses in the applied sciences. Prerequisite, Mathematics 31-32. Alternates with Mathematics 53-54.

M., W. 9:00

Mr. Spragens

81-82. MATHEMATICS SEMINAR. (1 hr.)

Special reports prepared and presented by the student under supervision. The work of the second semester will synthesize the methods and materials of mathematics to form the basis for the comprehensive examination. Required of all major students in the senior year.

Hours to be arranged

Mr. Spragens and others

86. TEACHING OF MATHEMATICS. (2 hrs.)

A study of the content of courses in elementary mathematics, methods of study and classroom presentation of these subjects. A practical course in preparation for sec-

ondary school teaching. Open only to upper division students. Offered in alternate years.

T., Th. 10:00

Mr. Spragens

91-92. PROBLEMS. (1 or 2 hrs.)

Advanced work and independent study. Open to seniors of unusual ability who have completed eighteen hours in the department. A reading knowledge of French and German will be found desirable.

Hours to be arranged

Mr. Cramblet and Mr. Spragens

PHYSICS

31. GENERAL PHYSICS. (4 hrs.)

An elementary treatment of mechanics, heat and sound. This course, together with Physics 32, comprises the fundamental course in physics. Prerequisite, Mathematics 11 or its equivalent.

Lecture: M., W., F. 8:00

Laboratory:

Sec. 1, T. 1:00-3:00

Mr. Allen and assistants

Sec. 2, Th. 2:00-4:00

32. GENERAL PHYSICS. (4 hrs.)

An elementary treatment of magnetism, electricity and light. This is a continuation of Physics 31. Prerequisite, Mathematics 11 or its equivalent, and Physics 31.

Lecture: M., W., F. 8:00

Laboratory:

Sec. 1, T. 1:00-3:00

Mr. Allen and assistants

Sec. 2, Th. 2:00-4:00

52. MECHANICS. (3 hrs.)

A fundamental course in physics, including a treatment of classical mechanics with application of principles; and a brief consideration of wave mechanics.

M., W., F. 11:00

Mr. Allen

53. ADVANCED LIGHT AND PHYSICAL OPTICS. (3 hrs.)

Theories of light, reflection, refraction, interference, diffraction, polarization, geometrical optics, optical instruments, vision, and spectroscopy. Prerequisite, Physics 31-32 and Mathematics 31-32.

Lecture: M., W. 11:00

Laboratory: Hours to be arranged.

Mr. Allen

55-56. LABORATORY IN ADVANCED PHYSICS. (1 hr.)

Supplementary to Physics 52, Physics 53, and Physics 63. The student should consult with the instructor in charge before registering in the course.

Hours to be arranged

Mr. Allen

63. ELECTRICITY AND MAGNETISM. (3 hrs.)

An advanced treatment of electrostatics and magnetics, electrochemistry, circuit theory, electrical machinery, and electronics. This course is a consideration of the theoretical and practical application of electricity and magnetism. Prerequisite, Physics 31-32 and Mathematics 31-32. Not offered in 1941-1942.

Mr. Allen

64. HEAT. (3 hrs.)

An advanced study of temperature, quantity of heat, calorimetry, expansion, conductivity, change of state, and radiation. Some consideration will be given thermodynamics and kinetic theory. Prerequisite, Physics 31-32 and Mathematics 31-32. Not offered in 1941-1942.

Mr. Allen

67-68. SPECTROSCOPIC ANALYSIS. (1 hr.)

A laboratory course employing a small grating spectrograph and auxiliary equipment for analytical work. Much of the work in this course consists of original research and publication of the results. Admission by permission of the instructor. Not offered in 1941-1942.

Mr. Allen

85. TEACHING OF PHYSICS. (2 hrs.)

Methods and practice in classroom presentation and laboratory supervision. Collateral readings and reports on the history of physical science. Required of all students expecting to teach physics.

Hours to be arranged

Mr. Allen

91-92. PROBLEMS. (1 or 2 hrs.)

Readings, experiments, and investigations in the field of the student's interest. Open to seniors of superior ability and accomplishment who are majoring or minoring in the department.

Hours to be arranged

Mr. Allen

AVIATION

NOTE:

Subject to approval of the Civil Aeronautics Authority and in collaboration with it, Bethany College offers a primary course in the elements of flying. The ground school course is open to college students above the freshman rank, and to special students who have had two years of college work. The flying instruction is open to students enrolled in the ground school course who have passed the prescribed physical examination. Students are accepted in units of ten for flying instruction which is given at the government's expense. There is a possibility that one woman student may be permitted in each unit. Before enrollment in the course, the student must secure the written consent of his parents.

All students who pass the government examination in meteorology, navigation, and Civil Air Regulations receive a Certificate of Competency. This certificate is valid for one year and must be secured before obtaining a private Pilot's license. The ground course at the college is offered as part of the Pilot Training Course. At the completion of the Flight Training Course students who pass a flight test will receive a Private Pilot's License. This instruction will be given in 1941-1942 only if the present C.A.A. program is continued. A special fee is charged.

41 or 42. PILOT TRAINING—GROUND SCHOOL COURSE. (3 hrs.)

The course is divided into three major divisions: Meteorology (24 classroom hours), Navigation (24 classroom hours), Aircraft Operation (24 classroom hours).

M., Th. 7:00-9:00

W. 7:00-9:00

Special instructors

GROUP V—RELIGION AND FINE ARTS

ART APPRECIATION

31-32. INTRODUCTION TO ART. (2 hrs.)

Development and character of the architecture, sculpture and painting of Egypt, Greece, Rome, and the Middle Age in relation to the civilization of which they are a permanent expression. The second semester is devoted to a study of painting and sculpture in Europe and America from the Renaissance to modern times.

T., Th. 2:00

Miss Mahaffey

33-34. PAINTING. (2 hrs.)

Study work of Giotto, DaVinci, Raphael, Michelangelo, and other Italian Masters of the Sixteenth Century. The German, Flemish, Dutch, and Spanish painters of this period will receive consideration, and the Baroque period will be represented by the work of Rubens, Rembrandt and El Greco. In the second semester there will be a survey of painting from the Nineteenth Century to the present time. Not offered in 1941-1942.

Miss Mahaffey

NOTE: Students electing courses in Art Appreciation will be expected to take occasional class trips to Pittsburgh for visiting exhibitions.

BIBLICAL LITERATURE

OSBORNE BOOTH, HEAD OF THE DEPARTMENT

I. T. GREEN, PROFESSOR

AIMS:

The general purposes of the courses offered are (a) to acquaint the student majoring in other departments with the English Bible; (b) to give a more complete knowledge of the content of the English Bible and other religious subjects to students planning upon graduate study for the Christian ministry; and (c) to supplement this knowledge of the Bible with enough professional courses to enable the student to serve as a Christian minister or religious leader until such a time as graduate study may be possible for him.

REQUIREMENT FOR MAJOR:

Twenty-four hours, which must include eighteen hours of upper-division work.

REQUIREMENT FOR MINOR:

Eighteen hours, which must include twelve hours of upper-division work.

REQUIREMENT FOR GRADUATION:

Any of the following courses may be taken without prerequisite to meet the requirement in Biblical Literature; Old Testament 11 or 12 and New Testament 11 or 12, Old Testament 33-34, or 55-56, or 71-72, New Testament 31-

32. The courses open to freshmen are Old Testament 11 or 12, Old Testament 33-34, New Testament 11 or 12, and New Testament 31-32.

OLD TESTAMENT

11. OLD TESTAMENT HISTORY. (3 hrs.)

A survey of the history of the Hebrew people from the exodus to the time of the Maccabees. This course should be supplemented by New Testament 11 or 12. To satisfy graduation requirements either Old or New Testament may be taken the first semester, the other course the following semester. Students above the sophomore year should select more advanced courses in Biblical Literature. Freshmen intending to prepare for the ministry, should take Old Testament 33-34 the first year.

T., Th., S. 8:00

Mr. Booth

12. OLD TESTAMENT HISTORY. (3 hrs.)

The same course as Old Testament 11, offered in the second semester.

T., Th., S. 9:00

Mr. Booth

33-34. OLD TESTAMENT SURVEY. (3 hrs.)

A survey course covering the Old Testament. May be used to satisfy graduation requirements in Bible. Credit will not be given for work in both Old Testament 11 or 12 and Old Testament 33-34. Old Testament 33 is prerequisite for Old Testament 34.

M., W., F. 8:00

Mr. Booth

55-56. THE PROPHETS. (3 hrs.)

The origin and development of prophecy among the Hebrews. Special attention will be given to the relation between the background of each prophet and his message. May be used to satisfy graduation requirements in Bible.

M., W., F. 9:00

Mr. Booth

57-58. COMPARATIVE RELIGION. (3 hrs.)

A comparison of the most important features of the great occidental religions of antiquity, including religions of primitives, Egypt, Babylonia, Assyria, Persia, Greece, Rome, Judaism and Christianity. Not offered in 1941-1942.

Mr. Booth

71-72. THE BIBLE AS LITERATURE. (3 hrs.)

A study of the various types of literature found in the Bible, including a comparison with similar forms in the great secular literature of the world. May be used to satisfy graduation requirements in Bible. Not offered in 1941-1942.

Mr. Booth

91-92. OLD TESTAMENT PROBLEMS. (2 hrs.)

An investigation of various problems in Old Testament history, literature, and religion. Prerequisite, Old Testament 11 or 12, 33-34, or 55-56.

Hours to be arranged.

Mr. Booth

NEW TESTAMENT

11. NEW TESTAMENT HISTORY. (3 hrs.)

A study of the life and messages of Jesus, the origin of the Christian church, and the work of Paul. This course should be supplemented by Old Testament 11 or 12. Either Old or New Testament may be taken the first semester, the other course the following semester. Students above the sophomore year should select more advanced courses in biblical literature. Freshmen preparing for the ministry should take Old Testament 33-34.

T., Th., S. 9:00

Mr. Green

12. NEW TESTAMENT HISTORY. (3 hrs.)

The same course as New Testament 11, offered in the second semester.

T., Th., S. 8:00

Mr. Green

31-32. NEW TESTAMENT SURVEY. (3 hrs.)

A survey course covering the entire New Testament. May be used to satisfy graduation requirements in Bible. A continuous course.

M., W., F. 8:00

Mr. Green

65. THE TEACHING OF JESUS. (3 hrs.)

A careful study will be made of the teachings of Jesus and an attempt will be made to relate it to the movements of the time. Both Jewish and Greek backgrounds will be considered.

M., W., F. 1:00

Mr. Green

66. THE TEACHING OF PAUL. (3 hrs.)

The fundamental doctrines of the "Epistles" will be studied. The student will be familiarized with the thought that lies behind these writings.

M., W., F. 1:00

Mr. Green

73-74. NEW TESTAMENT GREEK. (3 hrs.)

See Greek 73-74.

75-76. BIBLICAL DOCTRINE. (3 hrs.)

An investigation of the various doctrines of the New Testament. These doctrines will be studied in the light both of the New Testament and of Christian thinking. A continuous course. Prerequisite, New Testament 11 or 12 or 31-32. Not offered in 1941-1942.

Mr. Green

91-92. NEW TESTAMENT PROBLEMS. (2 hrs.)

An investigation of various problems in the New Testament field. Students will select the problems of interest to them and will be guided in their solution.

Hours to be arranged.

Mr. Green

CHURCH HISTORY

51-52. HISTORY AND LITERATURE OF THE DISCIPLES. (3 hrs.)

A survey of the rise and development of the Restoration Movement. The literature of the movement will also be studied and evaluated. Not offered in 1941-1942.

Mr. Green

69. THE ANCIENT CHURCH. (3 hrs.)

A survey of church history from the beginning to the reign of Charlemagne. May be used toward a major in Biblical Literature.

M., W., F. 10:00

Mr. Green

70. THE REFORMATION. (3 hrs.)

A survey of church history from Charlemagne to the close of the Reformation. May be used toward a major in Biblical Literature.

M., W., F. 10:00

Mr. Green

RELIGIOUS EDUCATION AND HOMILETICS

53. PRINCIPLES OF RELIGIOUS EDUCATION. (3 hrs.)

Historical survey; relation of religion to secular education; fundamental task of the religious educator; recreation adapted to various ages, and supervision; organization of church, vacation, week-day and community schools; a practical organization for young people. Not offered in 1941-1942.

Mr. Green

54. PRACTICE OF RELIGIOUS EDUCATION. (3 hrs.)

The learning process; class method and management; educational evangelism; worship; training the devotional life; expressional activities; project method; evaluation and selection of curricula; Bible material. Not offered in 1941-1942.

Mr. Green

61-62. THE THEORY OF PREACHING. (3 hrs.)

Problems connected with the preparation and delivery of sermons are carefully studied. Sermons will be preached and criticized. Alternates with Homiletics 63-64.

M., W., F. 2:00

Mr. Green

63-64. THE WORK OF THE PASTOR. (3 hrs.)

Organization of the forces on the local field. Finances, evangelism, worship and social services will be stressed. A thoroughly practical course. Alternates with Homiletics 61-62. Not offered in 1941-1942.

Mr. Green

MUSIC

RUSH CARTER, HEAD OF THE DEPARTMENT

CASSIUS W. GOULD, INSTRUCTOR

AIMS:

The Department aims (a) to provide opportunity for students to develop an understanding and appreciation of music as a part of a general education;

(b) to provide a well-balanced and complete four-year course for students who major in music for the purpose of becoming professional performers or private teachers; and (c) to provide a course for students who desire to become supervisors and teachers of music in public schools.

REQUIREMENTS FOR MAJOR:

At least twenty-four hours in the department, including eighteen upper division hours, with their prerequisite courses or equivalents. The major may be earned in (1) theory of music or (2) materials and methods, looking toward music supervision or teaching of music in the schools.

REQUIREMENTS FOR MINOR:

At least eighteen hours in the department.

LITERATURE AND THEORY OF MUSIC

11-12. EAR TRAINING AND SIGHT SINGING. (3 hrs.)

A study of tonal relationships, simple rhythms, melodies in both major and minor modes, simple melodic forms and harmonic progressions. A continuous course.

M., T., W., Th., F. 3:00

Mr. Gould

31-32. MUSIC APPRECIATION. (3 hrs.)

A study of the aesthetic significance of the main periods and types of music, leading to an intelligent appreciation and enjoyment of the world's great music. A general course requiring no technical preparation.

M., W., F. 3:00

Mr. Carter

35. HARMONY I. (3 hrs.)

A study of major and minor scales, all intervals and relation to scales, triads and the use of tonic and dominant chords in four-part harmony, with all by-tones. Each student must have access to piano at least three hours each week.

M., W., F. 2:00

Mr. Carter

36. HARMONY II. (3 hrs.)

A study of all primary and secondary harmonies used in four-part writing and as simple accompaniment; the beginning of modulation. Each student must have access to piano at least three hours each week. Prerequisite, Music 35, or equivalent.

M., W., F. 2:00

Mr. Carter

51-52. MUSIC HISTORY. (2 hrs.)

A study of the historical significance of the main periods and types of music. A technical course primarily for those looking toward a major or minor in music, or for those with sufficient musical backgrounds. Alternates with Music 85-86.

T., Th. 2:00

Mr. Carter

55. HARMONY III. (3 hrs.)

A study of chromatic harmony, the twelve-tone and six-tone scales, and advanced modulation. Prerequisite, Music 35-36 or equivalent.

M., W., F. 9:00

Mr. Carter

56. FORM AND ANALYSIS. (3 hrs.)

A study of the structural designs upon which music is based. Representative works of the masters of music composition of the classic, romantic, and modern periods are studied and analyzed. Prerequisite, Music 55 or equivalent.

M., W., F. 9:00

Mr. Carter

62. ADVANCED EAR TRAINING AND SIGHT SINGING. (3 hrs.)

An advanced study of tonal relationships, including chromatics, syncopated and difficult rhythms; the development of the ability to hear and recognize harmonic progression, including the simple modulations. Prerequisite, Music 11-12, 35-36, or equivalents.

M., T., W., Th., F. 9:00

Mr. Gould

63. COUNTERPOINT. (3 hrs.)

A study of the principles of contrapuntal harmonization in two-three and four parts, and the practical application of counterpoint in the form of invention. Prerequisite, Music 55.

M., W., F. 8:00

Mr. Gould

64. ORCHESTRATION. (3 hrs.)

A study of the beginning principles of instrumentation and orchestration including a thorough understanding of transposing instruments, and the problems of writing for such groups of instruments as are most commonly found in the average school and community orchestra. Prerequisite, Music 55.

M., W., F. 8:00

Mr. Gould

75-76. CONDUCTING. (2 hrs.)

A study of the technique of the baton and the different problems to be met in conducting chorus, orchestra and band; the introduction to score reading; and an opportunity for practical experience through the conducting of the college choral and instrumental groups. Open only to advanced students.

T., Th. 8:00

Mr. Carter

83. MATERIALS AND METHODS OF INSTRUMENTAL MUSIC.

(3 hrs.)

A study of the principles and problems of organizing and directing orchestras and bands, and the gaining of a knowledge of materials available.

M., W., F. 9:00

Mr. Gould

85-86. MATERIALS AND METHODS FOR TEACHING OF MUSIC IN THE SCHOOLS. (3 hrs.)

A study of principles, problems and materials for teaching music (a) in the grades, (b) in junior and senior high schools. Not offered in 1941-1942.

Mr. Carter

91-92. PROBLEMS. (1 or 2 hrs.)

An advanced course for major or minor students of music, which may include

methods of piano instruction, composition, or other problems to prepare the individual for his particular field of interest. Individual instruction and study.

Hours to be arranged.

Mr. Carter and Mr. Gould

APPLIED MUSIC

15c-16c. CHOIR. (1 hr.)

A study of choral literature and rendition of cantatas, oratorios, and selected short numbers of recognized merit. Open for credit only to students above the freshman year who are properly qualified and accepted by the director. This course may be repeated for full credit. Prerequisite, Music 11-12 or Music 35-36.

Th. 7:00 P.M. and S. 1:00 P.M.

Mr. Carter

150-160. ORCHESTRA. (1 hr.)

Orchestral instruments in their various combinations, study and rendition of concert repertory. Open for credit only to students above the freshman year who are properly qualified and accepted by the director. This course may be repeated for full credit. Prerequisites, Music 11-12 or 35-36.

T., Th. 4:00 P.M.

Mr. Gould

15b-16b. BAND. (1 hr.)

Study and performance of standard band repertoir. Open for credit only to students above the freshman year who are properly qualified and accepted by the director. This course may be repeated for full credit. Prerequisites, Music 11-12 or 35-36.

M. 7:00 P.M. and F. 4:00

Mr. Gould

21p-22p. PIANO. (1 hr.)

Technique, theory, and literature of the piano. Open to students who have some performing ability on the piano. Private lessons.

Mr. Gould

210-220. ORGAN (1 hr.)

Technique, theory, and literature of the organ. Open to students who have had some training in either piano or organ. Private lessons.

Mr. Carter

21v-22v. VOICE. (1 hr.)

Vocal technique, theory, and literature. Open to all students of adequate native ability, with or without previous vocal training. Private lessons.

Mr. Carter

VIOLIN

Students wishing to study violin may make arrangements with the Head of the Department for securing credit for private lessons with a special instructor on the basis of one hour of credit for 16 one-half hour private lessons, when accompanied by at least two semester hours in music theory. Prerequisite ability and training satisfactory to the instructor.

23-24. WIND INSTRUMENT CLASS. (1 hr.)

A practical course in playing of woodwind, brass and percussion instruments. Elementary technique and use in ensemble playing. The class meets two hours each week.

Hours to be arranged.

Mr. Gould

25-26. STRING INSTRUMENT CLASS. (1 hr.)

A practical course in the playing of violin, viola, violincello, and bass. Elementary technique and use in ensemble playing. The class meets two hours each week.

Hours to be arranged.

Mr. Gould

NOTE: Only twelve semester hours of academic work in Applied Music can be applied toward meeting the minimum requirements for the baccalaureate degree.

DEGREES CONFERRED IN COURSE

On June 3, 1940

BACHELOR OF ARTS

Magna Cum Laude

Orella Blistan

John Costello

Kenneth Underwood

Cum Laude

Jane Bryan

Barbara Murray

Darrell Fultz

Jane Porter

William Kiel

Donald Regier

Rite

Kathryn Allen

Margaret Keim

Will Barnhart

Marie Lowe

Dorothy Bissell

Robert Martin

Nancy Caldabaugh

Gladys Miller

William Callendine

Aureline McDonough

Randall Cutlip

Evelyn Neumeister

James Daub

Anna Mae Peters

Paul Deafenbaugh

Adabelle Pilchard

Peggy Euwer

William Porter

Joe Funk

Virginia Richardson

Ruth Gasser

Dorothy Ritter

Sherman Gibson

Marilynn Roberts

Donald Gordon

Ruth Rosser

Eleanor Gray

Catherine Smith

Mary Jane Halter

Mary Jane South

Hester Ann Hare

John Stahl

John Haudenshield

Gertrude Mae Stewart

Mary Ellen Hayes

Doris Thiele

Lulu Mae Hays

George Waldon

Lillian Henkel

Nelson Ward

Victor Herbert

Marjorie Wilt

Ivan Holland

Josephine Wylie

E. J. Honenberger

Laura Zbiec

Helen Hooker

BACHELOR OF SCIENCE

Magna Cum Laude

Jay Lohr

Cum Laude

Caroline Butchko

Harry Hetzel

Rite

William Ashley
Warren Coughanour
Donald Emerick
Raymond Moore
William Murray

John Neth
George Petroff
Goff Ramsey
Alfred Wright

HONORARY DEGREES CONFERRED

On May 10, 1940

DOCTOR OF LAWS

Mr. Holgar Johnson, New York, New York
Mr. Mark Jones, New York, New York
Mr. Howard T. Lewis, Cambridge, Massachusetts
Mr. Clyde M. Vandeburg, Detroit, Michigan

On May 11, 1940

DOCTOR OF LAWS

Mr. George A. Buttrick, New York, New York
Mr. Stanton C. Crawford, Pittsburgh, Pennsylvania
Mr. Frank P. Graves, Albany, New York
Mr. Floyd W. Reeves, Washington, D.C.

On June 1, 1940

DOCTOR OF DIVINITY

Mr. William H. Fields, Wheeling, West Virginia
Mr. H. C. Saum, Takhatpur, C.P., India

DOCTOR OF LAWS

Mr. James H. R. Cromwell, New York, New York
Mr. Homer A. Holt, Charleston, West Virginia

On June 3, 1940

DOCTOR OF DIVINITY

Mr. William H. Erskine, Uhrichsville, Ohio
Miss Ema S. Lyon, Nanking, China

DOCTOR OF LAWS

Mr. Burris A. Jenkins, Kansas City, Missouri

SENIORS PASSING COMPREHENSIVE EXAMINATION WITH DISTINCTION 1939-1940

Jane Bryan	Music
Caroline Butchka	Biology
John Costello	Economics
Warren Coughanour	Chemistry
Darrell Fultz	Biblical Literature
Eleanor Gray	French
Harry T. Hetzel	Biology
William Kiel	Economics
Barbara Murray	Journalism
Jane Porter	Psychology
Dorothy Ritter	English
Kenneth Underwood	Journalism
Alfred E. Wright	Biology

FELLOWS AND STUDENT ASSISTANTS

1940-1941

SENIOR FELLOWS

Myfanwy Strain English

FORIEGN FELLOWS

Carlos Jaramillo Lima, Peru

Franz Rohr Nice, France

STUDENT ASSISTANTS

George Callendine Mathematics and Physics

Janice Evans Physical Education

Louise Gettys Admissions and Personnel

Irving Glassman Biology

Roy Hoffman Chemistry

Esther Mackey Biology

Betty Murphy Biology

Florence Nicholas French

Milton Parker Education

Martin Reiter Biology

Dorothy Reynolds Biology

Irvan Roche Chemistry

James Ryan Chemistry

Hilda Sarver Chemistry

Gordon Seidel History

John Simeral Chemistry

Raymond Simmons Economics and Sociology

Julia Wakefield Education

Norris Whitlock Journalism

ROSTER OF STUDENTS

1940-1941

SENIORS—CLASS OF 1941

Abrams, Sandra	385	Osborne Terrace, Newark, N.J.
Cain, Alvin	3323	West St., Hollidays Cove, W.Va.
Caliguiri, Joseph	710	Broadway, McKees Rocks, Pa.
Cullison, Thomas	2336	Birtley Ave., Pittsburgh, Pa.
Dowler, Alan	142	N. 18th St., Wheeling, W.Va.
Edmunds, Jane	1486	Greenmont Ave., Dormont, Pa.
Fair, Norman		West Middlesex, Pa.
Fiess, June		New Martinsville, W.Va.
Gettys, Louise	310	South St., Johnstown, Pa.
Grim, Thomas	1	Ravine Ave., Wheeling, W.Va.
Johnson, Peter	1175	S. Lorena St., Los Angeles, Cal.
Jolliffe, Betty	375	Burton Ave., Washington, Pa.
Kaler, Scott	13	Sharon St., Shelby, Ohio
Laird, William	92	Huyler St., Hackensack, N.J.
Leitch, Katharine		Bethany, W.Va.
Parker, Milton	26	Thompson Ave., Glens Falls, N.Y.
Raub, Lester	229	Northview Ave., New Castle, Pa.
Rosensteele, Don	100	Euclid Ave., Dravosburg, Pa.
Rutter, William	159	W. State St., Sharon, Pa.
Ryan, James W.	1212	Lake Ave., Elyria, Ohio
Schuller, Betty J.	251	Ames St., Pittsburgh, Pa.
Short, Jean	411	Wallace Ave., New Castle, Pa.
Simmons, Raymond	1812	Metropolitan St., Pittsburgh, Pa.
Stoner, James	208	Ontario St., Point Marion, Pa.
Strain, Myfanwy		Route 3, Wellsburg, W.Va.
Taylor, Harold	210	Searight Ave., Uniontown, Pa.
Wells, William		Bethany, W.Va.
White, Joseph		Hopwood, Pa.
Whitlock, Norris	281	Saranac Ave., Buffalo, N.Y.
Winfield, Dorothy	286	Starin Ave., Buffalo, N.Y.
Wolfe, Darrell	5637	Alice St., Hammond, Ind.
Wood, Virginia	48	W. Oakwood Place, Buffalo, N.Y.

JUNIORS—CLASS OF 1942

Achterman, Eleanor	216	N. Ninth St., Stroudsburg, Pa.
Archer, Sue Beth	924	Timberland Ave., Pittsburgh, Pa.
Armor, Gladys	617	E. Sixth Ave., Tarentum, Pa.
Balch, Phyllis		Allegheny Road, Box 547, Follansbee, W.Va.
Barnhart, Delivan		Bethany, W.Va.
Belluardo, Frank	380	Walker St., Fairview, N.J.
Blank, Harold	1547	Bryson St., Youngstown, Ohio

Borden, Gwendolyn	305	E. Burgess St., Mt. Vernon, Ohio
Bowers, Paul		Washington Pike, R.D.1, Wellsburg, W.Va.
Burdue, Wayne		R.F.D.3, Elyria, Ohio
Caugherty, Betty	1213	Carlisle St., Tarentum, Pa.
Cerveris, Albert	3044	Windermere Ave., Dormont, Pa.
Cleary, Rita	508	Daniel St., Toronto, Ohio
Cluss, Helen	15	Eggleston St., Uniontown, Pa.
Cook, Robert	1114	Zane St., Wheeling, W.Va.
Costanza, John	311	Central Ave., Oil City, Pa.
Cramblet, Wilbur		Bethany, W.Va.
Davis, George	703	S. Oakland Ave., Sharon, Pa.
Decker, Bert	227	Colburn Ave., Clarks Summit, Pa.
Dvorak, Frances	314	S. Harvey Ave., Oak Park, Ill.
Elsasser, Edward	339	E. 57th St., New York, N.Y.
Erskine, Mildred	128	N. Uhrich St., Uhrichsville, Ohio
Evans, Janice	615	Gormley Ave., Carnegie, Pa.
Finney, Marjorie	415	Clairtonica St., Pittsburgh, Pa.
Geyer, Marguerite	17	W. Hazeltine Ave., Kenmore, N.Y.
Golden, Edward	2201	Richaland Ave., Wheeling, W.Va.
Gordon, Chester	481	Reno St., Rochester, Pa.
Griffiths, William	1325	Boyce Ave., Wellsville, Ohio
Henry, Robb		Galley St., Dawson, Pa.
Hoffman, Roy	2104	Cleveland St., McKeesport, Pa.
Huntsberger, James		Bethany, W.Va.
Jackson, Dorothy	119	Carolina Ave., Chester, W.Va.
Jackson, Richard		Flushing, Ohio
Kuhns, Walter		Fairbank, Uniontown, Pa.
Machamer, Edward	332	Vine St., Johnstown, Pa.
Mayne, Lyle	488	Sharon Road, Beaver, Pa.
Mayor, Wallace	425	National Road, Fulton, Wheeling, W.Va.
Morrill, John		Hotel Bennett, Glens Falls, N.Y.
Moser, Ruth		Liberty St., Smithfield, Pa.
Murphy, Betty	6365	Monitor St., Pittsburgh, Pa.
Nicholas, Florence	201	Terrace Ave., Washington, Pa.
Pendleton, Lily	55	Oleander St., W. Springfield, Mass.
Pryor, Ralph	1116	N. 16th St., Wheeling, W.Va.
Ratcliffe, Morrison		Beech Bottom, W.Va.
Reiter, Martin	709	Center St., Tarentum, Pa.
Reynolds, Dorothy	1242	Oregon Ave., Steubenville, Ohio
Roberts, Rosemary	303	N. Thompson St., Apt. 102, Richmond, Va.
Roche, Irvan	439	Marietta Place, Mt. Lebanon, Pa.
Rutter, Cloud	159	W. State St., Sharon, Pa.
Sarver, Hilda	155	Maple St., Mercer, Pa.
Schliff, Leon	72	Melbourne Terrace, Waterbury, Conn.
Schott, Joanne	515	Horner St., Clarksburg, W.Va.
Schutt, Barbara	1210	Locust St., Philadelphia, Pa.
Schwartz, Ruth	815	Norwich Ave., Pittsburgh, Pa.
Seidel, Gordon		First Ave., Arbutus, Md.

Sheets, Arthur	700	Howard St., Brownsville, Pa.
Showman, Robert	519	N. Prospect St., Connellsville, Pa.
Siemon, William	147	Scout Ave., Pittsburgh, Pa.
Simeral, John	844	Hiland Ave., Coraopolis, Pa.
Skilton, Phyllis		Strong Terrace, Winsted, Conn.
Smith, Flora Jane	1701	Main St., Wellsburg, W.Va.
Sowers, Dale	718	N. Uhrich St., Uhrichsville, Ohio
Sprouse, Eleanor	208	Grant St., Newell, W.Va.
Stein, Margaret	156	Kruger St., Elm Grove, W.Va.
Stophel, William	1149	Summit St., McKeesport, Pa.
Wakefield, Julia	1518	Foliage St., Wilkinsburg, Pa.
Waterhouse, Eleanor	133	Edgewood St., Wheeling, W.Va.
Weinik, Helenmae	3866	Sedgwick Ave., New York, N.Y.
Weir, Mary Jean	135	Third St., McDonald, Pa.
Wells, Richard		Bethany, W.Va.
White, Elizabeth		Bethany, W.Va.

SOPHOMORES—CLASS OF 1943

Addleman, Robert H.		Clarksville, Pa.
Albee, George	517	Brussels St., St. Marys, Pa.
Arensberg, Helen	2833	Brentwood Ave., Pittsburgh, Pa.
Armstrong, Irene	613	Allegheny Ave., Emporium, Pa.
Babicz, Pauline	149	North Seventh St., Steubenville, Ohio
Bannen, William	223	Isabella St., Oakmont, Pa.
Barker, Richard	362	Fifth Ave., New Kensington, Pa.
Barrett, Evelyn	506	17th St., Parkersburg, W.Va.
Benedict, Grace	614	Marshall St., McMechen, W.Va.
Berggren, Jean	2812	Jenny Lind St., McKeesport, Pa.
Blackmore, Marjorie	124	Merrimac Ave., Buffalo, N.Y.
Bonessi, Angeline	448	Carolina Ave., Chester, W.Va.
Brady, George	265	W. Fifth Ave., Roselle, N.J.
Burbridge, Ralph	102	Euclid Ave., Dravosburg, Pa.
Burgess, Betty Jo	431	W. Jefferson St., Fort Wayne, Ind.
Burke, Anna Laura	315	Sycamore St., Pittsburgh, Pa.
Callendine, George	20	N. Front St., Wheeling, W.Va.
Campbell, Jane	201	Clark St., Toronto, Ohio
Carnahan, Susan		Fifth St., Newell, W.Va.
Cluss, Charles	15	Eggleston St., Uniontown, Pa.
Committe, Thomas	2207	Marshall St., Wheeling, W.Va.
Conn, Archie		R.F.D. 1, Point Marion, Pa.
Cooper, Janice	714	Roselawn Ave., Mt. Lebanon, Pa.
Cramblet, Joan		Bethany, W.Va.
Crawford, June		R.F.D. 2, Bridgeville, Pa.
Daniel, Angelo	35	26th St., Wheeling, W.Va.
Deer, Lewis	717	Sherwood Ave., Pittsburgh, Pa.
Deibel, Margaret	13	Johnston St., Crafton, Pa.
Douglass, Jane	445	Florida Ave., Chester, W.Va.

Drake, Kate Anna	240	N. Franklin St., Washington, Pa.
Ducoeur, Joseph	705	McKean Ave., Charleroi, Pa.
Ehinger, Margaret	92	Parkwood Ave., Kenmore, N.Y.
Eidemiller, Faith	723	Harden Dr., North Hills, Pittsburgh, Pa.
Esty, Milton	113	Silver Lane, East Hartford, Conn.
Ferguson, Gerald	3553	Riverview Ave., Hollidays Cove, W.Va.
Fraim, Jean	1275	New York Ave., Brooklyn, N.Y.
Fritz, Robert	22	Laurel Ave., Wheeling, W.Va.
Gelof, Sara	300	E. Fourth St., Wilmington, Del.
Gilbert, Pauline	514	S. Front St., Wheeling, W.Va.
Gilmore, Eleanor	1400	Summit Ter., Linden, N.J.
Glass, Richard R.	52	First St., Haverstraw, N.Y.
Glassman, Irving	165	Center St., West Haven, Conn.
Haenszel, Frederick	242	Brunswick Blvd., Buffalo, N.Y.
Hallock, Margaret	809	Norwich Ave., Brookline, Pittsburgh, Pa.
Halter, Ruth Ann	2110	Warwood Ave., Wheeling, W.Va.
Hanes, Ethel Louise	526	Second St., Brownsville, Pa.
Harris, Edward	91	Eaton St., Buffalo, N.Y.
Hart, Charles	62	Third St., Shelby, Ohio
Hawkins, James		R.F.D. 1, Waynesburg, Pa.
Henkel, Grace	324	Clairton Rd., Pittsburgh, Pa.
Hillstrom, Donald	2002	Duquesne Ave., McKeesport, Pa.
Hogg, Paul	843	Whitmore Rd., Detroit, Mich.
Huhn, Charles		Liberty St., Smithfield, Pa.
Hunger, Joseph	36	Main St., Pt. Marion, Pa.
Huntsberger, David		Bethany, W.Va.
Hutchison, Irene	666	Liberty Ave., Carnegie, Pa.
Johnston, Janet		R.F.D. 1, Pembroke, N.Y.
Keckley, Eugene	653	Evans St., Newark, Ohio
Keppel, John	419	Erie St., Wheeling, W.Va.
Laubersheimer, Edward	1224	E. 27th St., Brooklyn, N.Y.
Lewis, Elizabeth	524	Washington Ave., Oakmont, Pa.
Long, Frank	343	East Utica St., Buffalo, N.Y.
Loper, William	154	N. 29th St., Warwood, W.Va.
Mackey, Esther	118	Delaware Ave., East McKeesport, Pa.
Major, Bertram	1432	Hildreth Ave., Wheeling, W.Va.
Medick, John	2412	Chapline St., Wheeling, W.Va.
Middleton, Margaret	1420	Otter St., Franklin, Pa.
Minor, Dorothy		Cameron, W.Va.
Moore, Stewart	110	N. Front St., Wheeling, W.Va.
Myers, Harold E.	235	Metz Ave., Akron, Ohio
Myers, Walter		Snug Harbor, Steubenville, Ohio
McCord, John		R.F.D. 2, Wellsburg, W.Va.
McCroba, Jean	4185	Franklin St., Bellaire, Ohio
McIlvain, Nellie	21	Fifth St., McMechen, W.Va.
McIntyre, Betty	321	Hartland Ave., Clarksburg, W.Va.
McSeveney, Eva Delle	880	Duncan Ave., Washington, Pa.

Narrigan, Betty Jane	R.F.D. 2, Claysville, Pa.
Neil, Lenore	24 Summit St., Willoughby, Ohio
Neumann, William	141 N. 21st St., Warwood, W.Va.
Noel, Barbara	702 S. Oakwood Ave., Beckley, W.Va.
Peters, Blanche	405 W. Hutchinson Ave., Edgewood, Pa.
Purdum, Janice	310 N. Bluff St., Butler, Pa.
Ritchey, Glenn B.	Loysburg, Pa.
Roberts, Richard	Bethany, W.Va.
Rodefer, David	102 N. Porter St., Waynesburg, Pa.
Schulenberg, Charles	200 Whitely St., Bridgeport, Ohio
Sesler, Mary Louise	308 Morgantown St., Uniontown, Pa.
Shadle, Betty	658 Bellefonte Ave., Lock Haven, Pa.
Sheline, Raymond	3738 Stannard Drive, Toledo, Ohio
Shlickerman, Leo F.	957 W. Delavan Ave., Buffalo, N.Y.
Shore, Marietta	1628 Seminole St., Flint, Mich.
Siegelbaum, Harold	1506 Walton Ave., New York, N.Y.
Sitock, George	53 Buffington St., New Salem, Pa.
Smith, Mariah	Bolenge, D.C.C.M., Congo Belge, Africa
Smith, Mary Lou	Bolenge, D.C.C.M., Congo Belge, Africa
Smudski, Robert	205 Spring St., Greensburg, Pa.
Steinman, Sanford	714 W. 181st St., New York, N.Y.
Stitt, Stanley	418 Lawson Ave., Steubenville, Ohio
Swearingen, Alfred	3073 Pinehurst Ave., Dormont, Pa.
Sweeney, Edwin J.	152 Burns St., Forest Hills, N.Y.
Thompson, Loren	1203 Wellesley Ave., Steubenville, Ohio
Topping, John	Bethany, W.Va.
Umbel, Richard	59 Gilmore St., Uniontown, Pa.
Wallace, Richard	305 Winter Ave., New Castle, Pa.
Wells, Donald	Bethany, W.Va.
White, William F.	Claysville, Pa.
Whitehill, John	149 Cedar Blvd., Mt. Lebanon, Pa.
Williams, Robert	506 Oak St., Millville, N.J.
Williamson, Jane	721 Washington Ave., Carnegie, Pa.
Willoschat, Ardath	275 E. Euclid St., Valley Stream, N.Y.
Wilson, Harry	217 Hazel Drive, Pittsburgh, Pa.
Wolf, Don	1504 Hildreth Ave., Wheeling, W.Va.

FRESHMEN—CLASS OF 1944

Abel, Margaret	441 Elwyn Ave., Springdale, Pa.
Addleman, Betty Mae	R.F.D. 2, Marianna, Pa.
Albrecht, Frederick	1620 Vance Ave., Coraopolis, Pa.
Alexander, Robert	400 Woodlawn Ave., Buffalo, N.Y.
Amey, Dorothy	38-34 207th St., Bayside, N.Y.
Baldwin, Willard	425 Idora Ave., Youngstown, Ohio
Barnes, Jame H.	104 Second Ave., Sharon, Pa.
Bartram, George	230 Grant St., Houston, Pa.

Bass, Gloria	1222	Pacific St., Brooklyn, N.Y.
Baumgartner, Jack	432	S. Sixth St., Clarksburg, W.Va.
Baxter, Evelyn	1124	Wisconsin Ave., Dormont, Pa.
Beard, Arthur	32	N. Front St., Wheeling, W.Va.
Beck, Bruce	603	Prindle St., Sharon, Pa.
Beck, Virginia	311	Clay St., Martins Ferry, Ohio
Belknap, Jean	709	Palisades Drive, Akron, Ohio
Bell, Charles		Oakdale Road, East McKeesport, Pa.
Bishop, Ellajane	4328	Birchwood Ave., Ashtabula, Ohio
Blanck, Margaret	687	Oradell Ave., Oradell, N.J.
Bolton, Mary Virginia		Oak Park, Elm Grove, W.Va.
Boyd, Donald		Wood Creek, Spring Valley Road, Huntington, W.Va.
Brinkworth, Donald	914	Vickroy Ave., Johnstown, Pa.
Broderon, Gloria	59	Lincoln Blvd., Kenmore, N.Y.
Brown, Ellwood	55	Maurice St., Uniontown, Pa.
Brown, Stanley	1318	Centennial St., McKeesport, Pa.
Browne, Charles	46	Caryl Ave., Yonkers, N.Y.
Bullard, Robert	114	Wheeling Ave., Elm Grove, W.Va.
Campbell, Marjorie		R.F.D. 1, Library, Pa.
Cashman, Corinne	119	Library Ave., Wilmington, Ohio
Cicco, Giacoma	61	Congress St., Pittsburgh, Pa.
Colan, Richard	201	Second Ave., S. Charleston, W.Va.
Connell, Robert	4103	Adena St., Hollidays Cove, W.Va.
Counselman, Dean		Bethany, W.Va.
Cox, Miriam	15	Dorchester Road, Buffalo, N.Y.
Craig, Robert	611	E. Gibson Ave., Connellsville, Pa.
Cullison, William	537	Teece Ave., Bellevue, Pa.
Daniels, Alice	1002	Lincoln Ave., Tyrone, Pa.
Domres, Mary Louise	7	Moran St., Oil City, Pa.
Donics, Frank	1524	W. North Ave., North Side, Pittsburgh, Pa.
Dowler, William	142	N. 18th St., Wheeling, W.Va.
Downes, Virginia	227	Holland Ave., Braddock, Pa.
Drum, James		R.F.D. 4, Wheeling, W.Va.
Duff, James	515	N. Front St., Wheeling, W.Va.
Elder, Elizabeth	309	Front St., Brownsville, Pa.
Erbe, Clayton		Miriam St., Valley Stream, N.Y.
Field, Elizabeth		High House Road, Smithfield, Pa.
Flatley, Margaret	912	Berkshire Ave., Pittsburgh, Pa.
Fondas, Ruth Grace	1012	Lind St., Wheeling, W.Va.
Ford, Charles	521	N. River Ave., Toronto, Ohio
Foster, Henry		State St., VanPort, Pa.
Foy, Charles	15	Division St., Crafton, Pa.
Frontz, Robert	1112	Anderson Ave., Wellsville, Ohio
Fulmer, Robert	183	Fourth Ave., Sharon, Pa.
Garlitz, Mary M.		Keyser, W.Va.
Goe, Jean	230	S. 8th St., Connellsville, Pa.
Golbey, Robert	253	Stuyvesant Ave., Brooklyn, N.Y.

Goodwin, Jeanne	1422	Broadview Blvd., Brackenridge, Pa.
Griffiths, Sara	1325	Boyce Ave., Wellsville, Ohio
Halley, William	38	Linden Ave., Burgettstown, Pa.
Hanes, Marjorie	15113	Marshfield Ave., Harvey, Ill.
Harvey, Patricia	14	Ridge Circle, Manhasset, N.Y.
Heckel, Roy Jr.	114	Bonvue St., Pittsburgh, Pa.
Helfer, Mary Jane		Hiram, Ohio
Henderson, Byron		Waynesburg Pike, Moundsville, W.Va.
Hendrickson, Phyllis	2407	Meadowwood Drive, Toledo, Ohio
Herrick, Theodore Jr.	27671	Lake Shore Blvd., Euclid, Ohio
Hesser, Jack	430	Deer Lane, Rochester, Pa.
Hetherington, Elinore	1525	Hiland Ave., Coraopolis, Pa.
Hinerman, Georgoa		R.F.D. 2, Steubenville, Ohio
Hood, Betty Lue	401	Castle Shannon Road, Pittsburgh, Pa.
Hottel, William	329	Cedar Ave., Steubenville, Ohio
Hudak, John	610	Federal St., McKees Rocks, Pa.
Hunter, Marjorie	1016	Maple St., Natrona Heights, Pa.
Husband, Robert	624	Cliff Ave., Bellevue, Pa.
Hustead, Robert	19	W. Berkeley St., Uniontown, Pa.
Hutton, Gertrude	445	Avon Drive, Pittsburgh, Pa.
Jassen, Irene	47	Pratt St., Winsted, Conn.
Jones, Evelyn		Bethany, W.Va.
Joy, Clarence		Sixth St., St. Marys, W.Va.
Kane, Eleanor	522	Second St., Donora, Pa.
Keylor, Lavelle	1049	Cherry St., Wheeling, W.Va.
Kittle, Burns	2360	National Road, Elm Grove, W.Va.
Knobloch, Jacqueline	43	Hazelton Drive, White Plains, N.Y.
Kohan, Sheldon	4600	Ninth Ave., Brooklyn, N.Y.
Kramer, Donald	130	Overbrook Drive, Mt. Lebanon, Pa.
Kurtz, Raymond	824	W. 176th St., New York, N.Y.
LaBarre, Joseph	1800	Main St., Wellsburg, W. Va.
Lammert, Harry	210	Edward Ave., Mt. Lebanon, Pa.
Land, Jane	510	Grove St., Sewickley, Pa.
Lanham, Paul	1721	Covert St., Parkersburg, W.Va.
LeStrange, Raymond	60-72	Madison St., Ridgewood, N.Y.
Linn, Jane	228	Academy Ave., Mt. Lebanon, Pa.
Linn, Lois	228	Academy Ave., Mt. Lebanon, Pa.
Lohmann, William		Commercial St., Mingo Junction, Ohio
Love, Bette Grace	340	Allison Ave., Washington, Pa.
Luikart, Max	221	Meyer Ave., New Castle, Pa.
Mayers, Jane	1125	Wellesley Ave., Steubenville, Ohio
Means, Robert		Bethany, W.Va.
Moelter, Lois	405	Griffin Ave., Pittsburgh, Pa.
Monczynski, Bernice		Ransom Road, Clarence, N.Y.
Morgan, John	4	Sedalia St., Avalon, Pa.
Murphy, Creighton		R.F.D. 9, Chalmers Place, Pittsburgh, Pa.
Murphy, Harry		R.F.D. 9, Chalmers Place, Pittsburgh, Pa.

MacLeod, Jean	231	S. Fourth St., Steubenville, Ohio
McCutcheon, Samuel	31	Interstate Parkway, Bradford, Pa.
Nunn, Steve		Epperly, W.Va.
O'Brien, James		New Paltz, N.Y.
Otto, Thomas	516	Market St., Wheeling, W.Va.
Peterson, Thomas	1315	Maryland Ave., Steubenville, Ohio
Pinto, Anthony	2648	91st St., Jackson Heights, N.Y.
Plank, Betsy	3429	Meadowcroft Ave., Pittsburgh, Pa.
Pletz, Clayton	478	Reno St., Rochester, Pa.
Pomerance, Richard	30	Vernon Place, Mt. Vernon, N.Y.
Poston, Thomas		1C Northway, Greenbelt, Md.
Ralston, Dorothy	908½	Trenton St., Toronto, Ohio
Rangos, George	2020	Charles St., Wellsburg, W.Va.
Rappaport, Raymond	79	Maple St., Maplewood, N.J.
Reed, Mary Helen	258	Kruger St., Elm Grove, W.Va.
Reno, Miriam		McCauslen Manor, Steubenville, Ohio
Rial, Ruth V.	205	Depew Ave., Buffalo, N.Y.
Runk, Robert		Forrest Ave., Bradford Woods, Pa.
Rutherford, Ruth		Fayette City, Pa.
Salmon, Betty	119	Warren Ave., Kenmore, N.Y.
Sawyer, William Jr.	529	Washington St., Steubenville, Ohio
Schmeichel, Gertrude	7125	Thomas Blvd., Pittsburgh, Pa.
Schulenberg, Margaret	200	Whitely St., Bridgeport, Ohio
Sebring, Nancy	189	Mohawk Drive, Mt. Lebanon, Pittsburgh, Pa.
Sembower, James Jr.	30	Oakland Ave., Uniontown, Pa.
Shaffer, Betty	473	Carnegie Drive, Pittsburgh, Pa.
Shaffer, Myra	715	Main St., Toronto, Ohio
Shlansky, Irvan	2035	E. 3rd St., Brooklyn, N.Y.
Shriner, Edward	1701	Potomac Ave., Dormont, Pa.
Smith, Mary Elizabeth	16	Graff St., Oil City, Pa.
Stafford, Elizabeth	1219	Tweed Ave., Steubenville, Ohio
Stealey, Robert	2313	Warwood Ave., Wheeling, W.Va.
Stewart, Rosemary	110	Vernon Drive, Pittsburgh, Pa.
Stone, Nina Jean	21	W. Fayette St., Uniontown, Pa.
Stratton, George	306	Daniel St., Toronto, Ohio
Struble, Mary Aline	302	E. Paterson Ave., Connellsville, Pa.
Stuart, Martha	218	Ingram Ave., Crafton, Pa.
Styer, Jeanne	131	Euclid Ave., Kenmore, N.Y.
Thomas, Frances		Box 189, Russells Point, Ohio
Throckmorton, Eleanor	275	W. Franklin St., Waynesburg, Pa.
Tidwell, Shirley	229	16th St., West New York, N.J.
Umbel, Jennie	517	E. Murphy Ave., Connellsville, Pa.
Van Strien, Evelyn	111	W. 5th St., Bayonne, N.J.
Veerhusen, Robert	3757	81st St., Jackson Heights, L.I., N.Y.
Wallace, Peggy	17	Hamilton Ave., Wheeling, W.Va.
Walls, Jane	426	Boyles Ave., New Castle, Pa.
Weatherwax, Shirley	77	Beverly Road, Pittsburgh, Pa.

Weaver, William	206 Park St., Scottdale, Pa.
Weimer, John	Bethany, W.Va.
Whetstone, Janet	Forest Ave., Hopwood, Pa.
White, John	24 Billings St., Woodbridge, N.J.
Whitney, Gertrude	301 Beach 86th St., Rockaway Beach, N.Y.
Willoughby, Thomas	2208 76th St., Jackson Heights, N.Y.
Wood, Suzanne	144 Wimbleton Drive, Birmingham, Mich.
Wright, Jack	290 Park St., Beaver, Pa.
Yauch, William	Colonial Hall Apts., Uniontown, Pa.
Young, Donald	805 Charles St., Carnegie, Pa.
Young, William	810 Commerce St., Wellsburg, W.Va.
Zenowitz, Anna	105½ St. Marks Place, New York, N.Y.
Ziegler, Armand	998 Ogden Ave., New York, N.Y.
Zingher, Henry	663 Grassmere Terrace, Far Rockaway, L.I., N.Y.

UNCLASSIFIED STUDENTS

Ball, John Jr.	2020 Main St., Wellsburg, W.Va.
Bates, Mrs. Helen J.	Steubenville, Ohio
Buchanan, Mildred	Bethany, W.Va.
Burdue, DeEtte	Bethany, W.Va.
Charnock, Irvin	101 24th St., Wellsburg, W.Va.
Cormany, Charles	29 E. Hiram St., Barberton, Ohio
Halter, Mary Jane	2110 Warwood Ave., Wheeling, W.Va.
Jaramillo, Carlos	Calle Corcovado 465, Lima, Peru, S.A.
Miller, Franklin	616 Commerce St., Wellsburg, W.Va.
Moore, John	209 Commercial St., Steubenville, Ohio
Pilchard, Adabelle	Bethany, W.Va.
Regier, Donald	West Liberty, W.Va.
Rohr, Franz	2 Place Franklin, Nice, France
Simpson, Jessie	105 S. Stone Ave., LaGrange, Ill.
Stewart, Betty	Bethany, W.Va.
Taylor, Gwendolyn	704 8th St., Apt. 27, Niagara Falls, N.Y.

ENROLLMENT BY CLASSES

Seniors	32
Juniors	71
Sophomores	112
Freshmen	163
Unclassified Students	16
Total	394

ENROLLMENT BY STATES AND FOREIGN COUNTRIES

Africa	2
California	1
Connecticut	5

Delaware	1
France	1
Illinois	3
Indiana	2
Maryland	2
Massachusetts	1
Michigan	3
New Jersey	11
New York	50
Ohio	51
Pennsylvania	165
Peru	1
Virginia	1
West Virginia	94
Total	394

THE ALUMNI ASSOCIATION OF BETHANY COLLEGE

The Alumni Association of Bethany College had its origin in 1846, six years after the founding of the college, when the members of the first three graduating classes met during the commencement season and organized the "Society of the Alumni of Bethany College." The constitution, drawn up and adopted at that time, remains as one of the interesting historical documents of the college. In later years there was no continuous and active alumni program.

Alumni records and activities are now under the direction of Mr. George C. Hettler, who is the Executive Secretary. In the determination of policies and program the leadership is taken by the Alumni Advisory Council of Bethany College. This council is composed of the officers of the alumni association and representatives from the geographical districts. The alumni office at the college preserves records concerning the activities of alumni, publishes throughout the year several alumni issues of the *Bethany College Bulletin*, assists in the programs of branch associations, and seeks, in various ways to promote alumni activity and interest. All graduates and former students automatically become members of the association when they leave the campus. The association is affiliated with the American Council.

OFFICERS OF THE ALUMNI ASSOCIATION

President Dr. L. L. Darsie, Homestead, Pa.
 Secretary Mr. George C. Hettler, Bethany, W.Va.
 President of Alumni Advisory Council . . . Mr. Lewis E. Perry, Mt. Lebanon, Pa.

BRANCH ASSOCIATIONS

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President: Mr. Malcolm Rush
 Vice President: Mr. Nelson H. Myers
 Secretary: Mrs. E. B. Huffman
 Treasurer: Mrs. H. R. Stevenson

Beaver Valley, Pa.

President: Mr. Norman Faulk
 Vice President: Mrs. Roberta C. Holt
 Secretary-Treasurer: Mrs. Katherine S. Cory

Brooke County, W.Va.

President: Mr. Cecil B. Dodd
 Vice President: Mrs. W. S. Wilkin
 Secretary-Treasurer: Mr. M. S. Miller

Buffalo, N.Y.

President: Mrs. F. O. Carfer
 Vice President: Mr. James W. Sala
 Secretary-Treasurer: Miss Martha Jane Carfer

Cleveland and Northern Ohio

President: Dr. C. C. Francis
 Vice President: Mr. Daniel J. LaPorte
 Secretary: Miss Gayle James
 Treasurer: Mr. Paul Miley

Columbus, Ohio

President: Mr. Frank G. Helme
 Vice President: Mr. A. E. Besancon
 Secretary-Treasurer: Mr. Nelson Ward
 Associate: Mrs. Walter Lacock

Greene County, Pa.

President: Mr. O. A. Rodefer
 Vice President: Mr. A. J. Marion
 Secretary-Treasurer: Miss Marjorie Aldrich

New York, N.Y.

President: Mr. Ralph C. Lankler
 Vice President: Mr. Gardner F. Peene
 Treasurer: Mr. Roy O. Price

Pittsburgh, Pa.

President: Dr. L. L. Darsie
 Vice President: Mr. Austin T. Cochran
 Secretary-Treasurer: Miss Emily K. Jones

Pittsburgh-Bethany College Club

President: Mrs. E. L. Kemp
 Vice President: Mrs. Richard Boyles
 Secretary: Mrs. Blanche Ripper
 Corresponding Secretary: Miss Helen F. Morse
 Treasurer: Miss Emily K. Jones

Uniontown, Pa.

President: Mr. Arden F. Hanes

Wheeling, W.Va.

President: Mr. Robert Roe
 Secretary-Treasurer: Miss Mary Jane Hare

Youngstown-Warren

President: Mr. George T. Phelps
 Vice President: Miss Ruth Erskine
 Secretary-Treasurer: Mrs. David L. Prosser

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BEQUESTS

Gifts to the college may take the form of lectureships, of scholarships, of professorships, of additions to the material equipment, or of contributions to the permanent endowment fund or the current expense fund of the college. Special conditions may, of course, be attached to any gift. Forms of bequests are suggested as follows:

A. UNRESTRICTED BEQUEST

I give, devise, and bequeath to the Trustees of the Bethany College, a corporation established by law at Bethany in the Commonwealth of West Virginia, the sum of dollars, to be applied to the general uses and purposes of the said institution.

B. UNRESTRICTED BEQUEST MAKING THE COLLEGE RESIDUARY LEGATEE

All the rest, residue, and remainder of my estate, real and personal, I devise and bequeath to the Trustees of the Bethany College, a corporation established by law at Bethany in the Commonwealth of West Virginia, to be applied to the general uses and purposes of the said institution.

C. BEQUEST FOR ENDOWMENT

I give, devise, and bequeath to the Trustees of the Bethany College, a corporation established by law at Bethany in the Commonwealth of West Virginia, the sum of dollars to be invested and preserved inviolably for the endowment of Bethany College.

Bethany College Bulletin



CATALOGUE NUMBER

1942 - 1943

BETHANY · WEST VIRGINIA

BETHANY COLLEGE BULLETIN

Vol. XXXV

March, 1942

No. 3

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Published every month except July and August by Bethany College, Bethany, W.Va.

James L. Drum

CATALOGUE

1942 - 1943

Statement

of

History, Purpose, and Program

at

Bethany College

Bethany, West Virginia

with

Curricular Announcements

for

1942-1943

CHARTERED IN 1840 BY THE STATE OF VIRGINIA

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ACADEMIC RECOGNITION

Bethany College is on the approved list of colleges of the Association of American Universities. By virtue of this approval the baccalaureate degree from Bethany College is recognized for admission to graduate study in this country and abroad.

Bethany College is accredited by the North Central Association of Colleges and Secondary Schools as a degree granting institution.

Bethany College is a member in good standing of the Association of American Colleges and the American Council on Education.

Bethany College is recognized by various state departments of education as an institution for the training of teachers, and is in good standing with the American Association of University Professors.

Women graduates of Bethany College are eligible to membership in the American Association of University Women. Membership in the American Association carries with it membership in the International Federation of University Women.

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CALENDAR

1942

SPRING SEMESTER

January 30, Friday—Registration for Second Semester
March 21, Saturday—Mid-semester grade reports
April 2, Thursday—4:00 P.M., Easter vacation begins
April 6, Monday—8:00 A.M., Easter vacation ends
April 25, Saturday—Competitive Scholarship Examinations
May 1, Friday—Reading period for seniors begins
May 9, Saturday—Competitive Scholarship Examinations
May 10, Sunday—Mother's Day
May 11 and 12, Monday and Tuesday—Senior Comprehensive Examinations
May 16, Saturday—Annual Meeting of the Board of Trustees
May 17, Sunday—One hundred and first Annual Commencement
10:30 A.M.—Baccalaureate Service
3:00 P.M.—Graduation Exercises
4:30 P.M.—President's Reception
May 18 to 22, Monday to Friday—Second Semester Examinations

SUMMER TERM

June 14 to 16, Sunday to Tuesday—Freshman Days
June 16, Tuesday afternoon—Registration for summer term
June 17, Wednesday—8:00 A.M., Classes begin for summer term
July 4, Saturday—The Fourth of July, a college holiday
July 25, Saturday—End of first half of summer term
July 27, Monday—Registration for second half of summer term
July 28, Tuesday—Classes begin for second half of summer term
September 4, Friday—End of summer term

FALL SEMESTER

September 11 and 12, Friday and Saturday—Faculty Seminar
September 13 to 15, Sunday to Tuesday—Freshman Days
September 15, Tuesday—Registration
September 16, Wednesday—Classes begin
November 15, Saturday—Mid-semester grade reports
November 28, Thursday—Thanksgiving, a college holiday
December 19, Saturday—12:00 noon, Christmas vacation begins

1943

January 4, Monday—8:00 A.M., Christmas vacation ends
January 25 to 29, Monday to Friday—First semester examinations

SPRING SEMESTER

January 31 to February 2, Sunday to Tuesday—Freshman Days
February 2, Tuesday—Registration for second semester
May 22, Saturday—Annual Meeting of the Board of Trustees
May 23, Sunday—One hundred and second Annual Commencement
May 24 to 28, Monday to Friday—Second semester examinations

SUMMER TERM

June 14, Monday—Summer term begins

A complete calendar of events for the year 1942-43 will be announced at a later date. This is necessary because of uncertainty as to the requirements of national defense and the accelerated educational program.

BOARD OF TRUSTEES

TERM EXPIRES JUNE, 1944

W. H. FIELDS	843 Main St., Wheeling, W.Va.
W. W. VAN HORN	Shelby, Ohio
ARGYLE CAMPBELL	Buckingham Bldg., Chicago, Ill.
W. S. WILKIN	Wellsburg, W.Va.
MISS IDA M. IRVIN	Big Run, Pa.
F. O. CARFER	50 Lincoln Blvd., Kenmore, N.Y.
DR. R. R. RENNER	12825 Euclid Ave., Cleveland, Ohio
H. O. EVANS	Oliver Bldg., Pittsburgh, Pa.
SIDNEY C. PORTER	East Liverpool, Ohio

TERM EXPIRES JUNE, 1943

HON. BENNETT CHAMP CLARK	Senate Office Bldg., Washington, D.C.
GEORGE A. WADDLE	1144 East Market St., Akron, Ohio
BEN W. IRVIN	Big Run, Pa.
HERSCHEL C. OGDEN	c/o Wheeling Intelligencer, Wheeling, W.Va.
S. J. RENO	151 Oneida St., Pittsburgh, Pa.
J. C. MORRIS	Shelby, Ohio
ALFRED E. WRIGHT	302 Fayette Title and Trust Bldg., Uniontown, Pa.
DR. J. PARKE McMULLEN	Wellsburg, W.Va.
JAMES H. R. CROMWELL	630 Fifth Ave., New York, N.Y.
FRANK M. HESSE	Grant Bldg., Pittsburgh, Pa.

TERM EXPIRES JUNE, 1942

THOMAS W. PHILLIPS, JR.	Butler, Pa.
W. E. PIERCE	1232 20th St., Parkersburg, W.Va.
JOHN M. SMITH	1321 N. Meridian St., Indianapolis, Ind.
BEN S. JOHNSON	333 Hancock St., Bluefield, W.Va.
R. A. BALDERSON	Farmers Nat'l Bank Bldg., Pittsburgh, Pa.
JOHN MARSHALL	Union Trust Bldg., Washington, D.C.
FRANK J. KENT	233 Broadway, New York, N.Y.
ROBERT D. HURL	Shelby, Ohio
DANIEL F. MULLANE	202 Kenneth Ave., Greensburg, Pa.

Faculty Representative for 1941-1942: Andrew Leitch

OFFICERS OF THE BOARD

W. S. WILKIN, *Chairman*

W. H. CRAMBLET, *President and Treasurer*

N. W. EVANS, *Secretary*

COMMITTEES OF THE BOARD

EXECUTIVE:

Mr. Wilkin, Mr. Campbell, Dr. McMullen, Mr. Phillips, Mr. Van Horn,
Mr. Wright, Mr. Hesse, Mr. Porter, and Mr. Mullane.
Mr. F. H. Kirkpatrick, *Secretary*

ALUMNI COOPERATION:

Mr. Carfer, Mr. Smith, Mr. Hesse, and Mr. Porter.

BUILDINGS AND GROUNDS:

Mr. Phillips, Mr. Campbell, Mr. Hurl, and Mr. Porter.

CHURCH COOPERATION:

Mr. Morris, Miss Irvin, Mr. Johnson, Mr. Carfer, and Mr. Pierce.

FINANCE AND BUDGET:

Dr. McMullen, Mr. Van Horn, Mr. Wright, Mr. Wilkin, and Mr. Mullane.

INVESTMENT:

Mr. Wright and President Cramblet.

LIBRARY:

Dr. Renner, Mr. Evans, and Mr. Reno.

NOMINATIONS:

Mr. Marshall, Mr. Morris, and Dr. McMullen.

STUDENT WELFARE:

Mr. Hurl, Mr. Cromwell, Mr. Marshall, Dr. Renner, and Mr. Mullane.

OFFICERS OF ADMINISTRATION

WILBUR HAVERFIELD CRAMBLET	<i>President of the College</i>
WILLIAM KIRK WOOLERY	<i>Provost</i>
BERNAL ROBINSON WEIMER	<i>Dean of the Faculty</i>
FORREST HUNTER KIRKPATRICK	<i>Dean of Students</i>
FLORENCE MARIAN HOAGLAND	<i>Academic Adviser for Women</i>
EDGAR HUGH BEHYMER	<i>Librarian</i>
NEWTON WALLACE EVANS	<i>Bursar</i>
GEORGE CARL HETTLER	<i>Executive Secretary</i>
CHARLES CLIFFORD BARLOW	<i>Director of Admissions</i>
EDGAR WADE MAHAN, M.D.	<i>College Physician</i>
MARGARET CARRIGAN	<i>Social Director</i>

FACULTY OF INSTRUCTION*

WILBUR HAVERFIELD CRAMBLET, *President of the College on the M. M. Cochran Foundation and Professor of Mathematics.* (Professor 1917; President 1934)

A.B., Bethany College; A.M., Ph.D., Yale University.

JEAN CORRODI MOOS, *Professor-Emeritus of Music.* (1897-1934)

College of Music, Zurich; Royal Conservatory of Music, Leipsig; A.M., Mus. D., Bethany College; Oberlin College; Columbia University.

ANNA RUTH BOURNE, *Professor-Emerita of English Literature.* (1903-1936)

King's College, University of London; Oxford University; A.B., Bethany College; A.M., Columbia University; University of Poitiers; University of Paris; Litt. D., Bethany College.

HENRY NEWTON MILLER, *Professor-Emeritus of Bible School Pedagogy on the Herbert Moninger Foundation.*

A.B., A.M., Bethany College; Yale University; D.D., Bethany College.

EBENEZER LEE PERRY, *Professor-Emeritus of Latin.* (1908-1939)

A.B., A.M., Bethany College; Yale University; A.M., Columbia University; Litt. D., Bethany College.

PEARL MAHAFFEY, *Professor of Modern Languages.* (1909)

A.B., Miami University; University of California; A.M., Columbia University; University of Grenoble; McGill University; University of Paris; Harvard University.

FRANK ROY GAY, *Professor of Classics.* (1910)

A.B., A.M., Drake University; University of Virginia; A.M., Ph.D., University of Chicago.

¹ANDREW LEITCH, *Sarah B. Cochran Professor of Philosophy and Psychology.* (1920)

A.B., A.M., Butler College; B.D., Ph.D., Yale University; Columbia University; University of Chicago; University of Pennsylvania; Harvard University.

* The names are arranged in order of rank and seniority of appointment. The date in parenthesis indicates first appointment to this faculty.

¹ On sabbatic leave, second semester of 1941-1942.

- WILLIAM KIRK WOOLERY, *Provost and George T. Oliver Professor of History and Political Science.* (1921)
A.B., Bethany College; A.M., University of California; Ph.D., Johns Hopkins University.
- BERNAL ROBINSON WEIMER, *Dean of the Faculty and Professor of Biology.* (1921)
A.B., A.M., West Virginia University; Ph.D., University of Chicago.
- IRVIN TAYLOR GREEN, *Professor of New Testament and Church History.* (1921)
A.B., Transylvania College; A.M., B.D., Bethany College; University of Chicago.
- ¹FORREST HUNTER KIRKPATRICK, *Dean of Students and Professor of Education.* (1927)
A.B., Bethany College; University of Dijon; A.M., Columbia University; University of Pittsburgh; Professional diploma as clinical psychologist from Columbia University; University of London.
- EMMETT EPHRIAM ROBERTS, *Professor of English.* (1928)
A.B., Ohio University; A.M., Ohio State University; New York University.
- OSBORNE BOOTH, *T. W. Phillips Professor of Old Testament.* (1929)
A.B., Hiram College; B.D., Ph.D., Yale University; University of Chicago.
- HENRY DONALD DAWSON, *Professor of Chemistry.* (1930)
B.S., Denison University; M.Sc., Ph.D., Ohio State University.
- JOHN J. KNIGHT, *Professor of Physical Education.* (1930)
A.B., West Virginia Wesleyan College; University of Michigan; Ohio State University.
- JOHN STANLEY VALENTINE ALLEN, *Professor of Physics.* (1933)
B.Eng., M.Sc., Ph.D., Ohio State University.
- CHARLES RUSH CARTER, *Professor of Music.* (1934)
Combs Conservatory, Temple University; B.S. in Ed., A.M., New York University; Juilliard School of Music.
- FLORENCE MARIAN HOAGLAND, *Academic Adviser for Women and Professor of English.* (1936)
A.B., Cornell University; A.M., Columbia University; Ph.D., Cornell University; University of Cambridge.
- REUBEN HAMILTON ELIASSEN, *Professor of Education.* (1936)
A.B., St. Olaf College; University of Minnesota; A.M., Columbia University; Stanford University; University of Chicago; Ph.D., Ohio State University.

¹ On leave of absence, in the interest of national defense, for special work with R.C.A. Manufacturing Co.

CLYDE J. CROBAUGH, *Professor of Economics and Business Administration*. (1939)
A.B., A.M., Stanford University; University of Chicago; Boston University;
Ph.D., University of Pittsburgh.

WILBUR JOHN SUMPSTINE, *Assistant Professor of Biology and Geology*. (1925)
B.Sc., Bethany College; West Virginia University; M.Sc., University of
Chicago; University of Pittsburgh.

CHANDLER SHAW, *Assistant Professor of History*. (1935)
A.B., Rollins College; A.M., Ph.D., University of North Carolina; American
Academy in Rome; Royal University, Perugia, Italy.

¹WALTER E. BOETTCHER, *Assistant Professor of Physical Education*. (1937)
B.Sc., A.M., Lafayette College; New York University; St. Lawrence University.

EARL D. MCKENZIE, *Assistant Professor of Modern Languages*. (1937)
A.B., Brown University; A.M., Columbia University; University of Frankfurt
am Main; Yale University; University of Pittsburgh.

CHARLES CLIFFORD BARLOW, *Director of Admissions with Rank of Assistant Professor*. (1938)
A.B., Illinois College; University of Illinois; Litt.M., University of Pittsburgh.

¹ZETTA BANKERT, *Faculty Resident in Gateway Hall and Assistant Professor of Sociology*. (1941)
B.S., M.S., South Dakota State College; University of Wisconsin.

E. HUGH BEHYMER, *Librarian with rank of Assistant Professor*. (1941)
A.B., Indiana University; B.L.S., University of Michigan; A.M., University
of Chicago.

DWIGHT ESHELMAN STEVENSON, *Instructor in Philosophy*. (1936)
A.B., Bethany College; B.D., Yale University; University of Chicago.

MARGARET CARRIGAN, *Head of Residence for Women and Instructor in English*.
(1939)
A.B., Columbia University; A.M., Syracuse University; Columbia University.

²JAMES WAGNER ALEXANDER, *Instructor in English*. (1940)
A.B., A.M., University of Georgia; University of Perugia; University of
Padua; University of Grenoble; Ph.D., University of Virginia.

EDWARD R. BOWDEN, *Faculty Resident and Instructor in Economics*. (1940)
B.Sc., Grove City College; M.B.A., University of Pennsylvania.

¹CASSIUS W. GOULD, JR., *Instructor in Music*. (1940)
B.Mus., M.Mus., Oberlin College; Crane College; Northwestern University;
A.A.G.O.

JOHN WILLIAM REYNARD, *Faculty Resident and Instructor in Chemistry*. (1940)
A.B., Muskingum College; A.M., Ph.D., Ohio State University.

¹Resigned as of June 1942.

²With the Armed Forces of the United States.

WILLIAM HENRY SPRAGENS, JR., *Instructor in Mathematics.* (1940)

A.B., M.S., University of Kentucky; University of Illinois.

BETTY D. CLARK, *Faculty Resident in Helwig House and Instructor in Physical Education.* (1941)

B.S., M.A., Ohio State University.

¹JOHN F. HARRISON, *Instructor in English.* (1941)

A.B., A.M., Columbia University.

²ALYNE KEY, *Instructor in Modern Languages.* (1941)

B.A., Baylor University; M.A., University of Texas.

INEZ CUNNINGHAM LYLE, *Instructor in Secretarial Training.* (1941)

B.S., Radford State Teachers College; M.A., George Peabody College for Teachers.

CATHERINE BINDER, *Instructor in Modern Languages.* (1942)

B.A., Mt. Holyoke College; University of Michigan; M.A., Pennsylvania State College; University of Pennsylvania; University of Mexico.

KENNETH L. BEAN, *Substitute Instructor in Psychology.*

A.B., A.M., Louisiana State University; Ph.D., University of Michigan.

ALBERTA FRANCES QUINLIN, *Recorder and Associate in Guidance and Personnel.* (1936)

A.B., Bethany College; Columbia University.

LOUISE ELIZABETH GETTYS, *Associate in Guidance and Personnel.* (1941)

A.B., Bethany College; Columbia University.

FACULTY COUNSELORS

For Freshmen and Students Who Have Not Determined a Major

Mr. Kirkpatrick	Mr. Dawson	Mr. Crobaugh
Miss Mahaffey	Mr. Allen	Mr. Sumpstine
Mr. Woolery	Miss Hoagland	Mr. McKenzie
Mr. Weimer	Mr. Eliassen	Miss Carrigan
Mr. Booth	Mr. Barlow	Mr. Spragens

For Students in Major Departments

Biology: Mr. Weimer	History: Mr. Woolery
Biblical Literature: Mr. Booth and Mr. Green	Mathematics and Physics: Mr. Allen
Chemistry: Mr. Dawson	Modern Languages: Miss Mahaffey
Classics: Mr. Gay	Music: Mr. Carter
Economics: Mr. Crobaugh	Physical Education: Mr. Knight
Education: Mr. Eliassen	Psychology: Mr. Leitch
English: Miss Hoagland and Mr. Roberts	Sociology: Mr. Crobaugh

¹ Resigned as of June 1942.

² Resigned in February 1942 to enter government service.

LIBRARY STAFF

EDGAR HUGH BEHYMER *Librarian*
A.B., Indiana University; B.L.S., University of Michigan; M.A., University of Chicago.

BETTY LOUISE BELLINGER *Assistant Librarian*
A.B., University of Akron; B.S., in L.S., Western Reserve University.

STUDENT HEALTH SERVICE

¹DR. SAMUEL SPRIGG JACOB *College Physician*
A.B., West Virginia University; M.D., Jefferson Medical School.

DR. EDGAR WADE MAHAN *Acting College Physician*
A.B., Bethany College; M.D., University of Maryland.

GLADYS CARNAHAN, R.N. *College Nurse and Supervisor of the Infirmary*

BARBARA GORDON SCHUTT, R.N. *Assistant College Nurse*

ADMINISTRATION STAFF

LUCILLE BALL *Dietitian and House Manager*

ANNA E. PALMER *Superintendent and Dietitian at Bethany House*

DOROTHY ROHLAND BAUM *Secretary to the President*

JANE PORTER *Secretary to the Dean of the Faculty*

HELEN SOPP *Secretary to the Executive Secretary*

HELEN V. HICKS *Secretary to the Director of Admissions*

GENE KIRKPATRICK *Secretary to the Bursar*

HARRY MILTON MYERS *Bookkeeper*

LEROY CLYDE STRASSER *Superintendent of Buildings and Grounds*

RESIDENCES FOR WOMEN

1941-1942

MARGARET CARRIGAN *Head of Residence and Social Director*

BETTY D. CLARK *Faculty Resident at Helwig House*

ZETTA BANKERT *Faculty Resident at Gateway Hall*

ANNA H. GOODNIGHT *House Supervisor—Kappa Delta*

MARY BELLE CARMAN *House Supervisor—Zeta Tau Alpha*

GRACE HINE *House Supervisor—Alpha Xi Delta*

VERDA H. WORTHEN *House Supervisor—Phi Mu*

¹ With the Armed Forces of the United States.

FUNCTIONAL COMMITTEES OF FACULTY

Curriculum and Instruction

ACADEMIC COUNCIL:

Mr. Weimer, Mr. Woolery, Mr. Kirkpatrick, Mr. Booth, Mr. Dawson, Mr. Eliassen, Miss Hoagland

ADMISSIONS AND CLASSIFICATIONS:

Mr. Kirkpatrick, Mr. Woolery, Mr. Weimer, Mr. Barlow, Miss Hoagland

HONORS:

Mr. Weimer, Mr. McKenzie, Miss Hoagland

LECTURES AND CONCERTS:

Mr. Booth, Mr. Weimer, Mr. Carter

LIBRARY:

Mr. Woolery, Mr. Leitch, Miss Hoagland, Mr. Allen, Mr. Behymer

SCHEDULE:

Mr. Dawson, Mr. McKenzie, Mr. Roberts, Mr. Crobaugh

Student Welfare and Guidance

COUNCIL ON GUIDANCE AND PERSONNEL:

Mr. Kirkpatrick, Mr. Weimer, Miss Hoagland, Mr. Stevenson, Miss Carrigan, Dr. Jacob, Mr. Hettler

ACTIVITIES AND SOCIAL LIFE:

Miss Carrigan, Miss Mahaffey, Mr. Carter, Mr. Reynard, Miss Clark

PLACEMENT:

Mr. Kirkpatrick, Mr. Eliassen, Mr. Dawson, Mr. Crobaugh, Miss Quinlin

ATHLETICS AND PHYSICAL RECREATION:

Mr. Woolery, Mr. Dawson, Mr. Knight, Miss Clark

RELIGIOUS LIFE:

Mr. Stevenson, Miss Mahaffey, Mr. Booth, Mr. Eliassen

FINANCIAL AIDS:

Mr. Cramblet, Mr. Kirkpatrick, Mr. Barlow, Mr. Hettler

Special Wartime Activities

THE COLLEGE AND NATIONAL DEFENSE:

Mr. Cramblet, Mr. Woolery, Mr. Dawson, Miss Hoagland, Mr. Knight, Mr. Weimer, Mr. Kirkpatrick

CIVILIAN MORALE:

Mr. Sumpstine, Mr. Eliassen, Mr. Bowden, Mr. Allen, Mr. Knight, Miss Hoagland

COORDINATOR OF NATIONAL DEFENSE ACTIVITIESMr. Bowden

COORDINATOR OF CIVILIAN PILOT TRAINING PROGRAMMr. Cramblet

PURPOSE AND HISTORY

PURPOSE

The continuing purpose of Bethany College is to assist its students in their preparation for intelligent and creative participation in contemporary living, and to maintain in its faculty and student body standards of excellence in scholarship, culture, and conduct.

The particular aims of the college are:

- (1) To provide incentives to and training in the scientific method, in logical analysis, and in creative expression.
- (2) To develop an understanding of the institutions and cultures of the past, especially as they bear upon the problems of contemporary civilization; and to effect an integration of some of the major departments of human knowledge.
- (3) To furnish the means in knowledge and experience for happy, intelligent, and constructive membership in family and state.
- (4) To facilitate adequate adjustment to academic, social, and vocational problems.
- (5) To individualize, as far as possible, the curricular program and requirements, to provide for some degree of specialization in one major field, and for a synthesis of materials in that field.
- (6) To provide opportunities for the development of physical powers, the safeguarding of health, and participation in recreational and avocational activities.
- (7) To provide higher education in an atmosphere sympathetic to Christian ideals and Christian faith and to conserve and develop the moral character and religious life of its students.

HISTORY

Buffalo Seminary, the forerunner of Bethany College, was inaugurated at Bethany, Virginia, in the year 1818 in the home of Alexander Campbell, commonly known as the Mansion. Here, for some years, Mr. Campbell offered educational advantages for the youth of the community as well as training for young men in the work of the Christian ministry.

A charter was granted to the Trustees of Bethany College by the Legislature of Virginia on March 2, 1840, authorizing the establishment of a "seminary of learning for the instruction of youth in the various branches of science and literature, the useful arts, agriculture, and the learned and foreign languages."

The trustees of the college named Mr. Campbell as the first president and directed him to formulate a plan for instruction for the new institution. He had strong convictions that the spirit of the institution should be altogether non-sectarian; in the charter occurred the statement that "nothing herein contained shall be so construed as at any time to authorize the establishment of a theological professorship." He believed that the formation of moral character should be the chief goal in education and was equally convinced of the necessity for an undergirding of moral instruction. Accordingly the Bible was made a regular textbook in the college and continues as part of the curriculum and life of the institution.

In October of 1841, the first session opened with over a hundred students in attendance. In addition to Mr. Campbell the first faculty included W. K. Pendleton, A. F. Ross, Charles Stewart, and Robert Richardson. They envisaged a college of great usefulness for the training of thoughtful leadership in business and the professions as well as the church, and they set for the college a fine tradition of liberal scholarship and standards of excellence in accomplishment and personal living.

Following the war between the states, Bethany gradually changed from a distinctly southern college and began to draw students from the north central states. Its curriculum was marked by unusual emphasis on the physical sciences and modern languages. Upon the death of Alexander Campbell in 1866, the presidency was entrusted to W. K. Pendleton, who had been associated with the college from its opening days.

Under the administration of W. H. Woolery, the third president of the college, the college made significant progress both in number of students and in prestige. The ten years following his death saw the college facing many difficult problems in enrollment and finances. In the space of ten years, five presidents or chairmen of the faculty labored with the mounting difficulties—Archibald McLean, Hugh McDiarmid, B. C. Hagerman, J. M. Kersey, and J. C. Keith.

The modern development of the college began in 1901 with

the election of Thomas E. Cramblet as president. An era of progress and expansion began. The endowment of the college was built up to over three quarters of a million dollars. The college buildings were modernized. The Carnegie Library, Cochran Hall, Oglebay Hall, the Irvin Gymnasium, and the Cochran Central heating plant were built during his administration.

The home farm of Alexander Campbell, and the Parkinson farm were given to the college during this period bringing the total holdings of the college to over six hundred acres and form the basis for the development of the college farms of today.

At the death of President Cramblet in 1919, the administration of the college was undertaken by Cloyd Goodnight. A growth in the student body, the further increase in properties and endowment, the rebuilding of Commencement Hall and Phillips Hall, recognition of the college's work by accrediting agencies, emphasis upon high standards, progressive educational procedures, and sound scholarship marked his tenure. Under President Goodnight's leadership the curriculum, administrative organization, and social life of the college were given new purpose and direction.

After the sudden death of President Goodnight in October, 1932, an Administrative Committee of trustees and faculty members carried on for almost a year. Hon. W. S. Wilkin, as chairman of this committee, and those who served with him rendered distinguished service to the institution. In June, 1933, J. A. Serena was elected president, resigning after a tenure of one year. The present administration, inaugurated in December, 1934, has given fresh emphasis and decided advancement to curricular and library matters, faculty scholarship and security, the further development of procedures to individualize education and the improvement of endowments.

The centennial of the college was observed during the academic year of 1939-1940 with celebrations on March 2, 1940, date of the original charter; on May 10 and 11, 1940, date of the earliest faculty meeting; culminating in the Centennial Celebration on June 1, 1940. The greatest attendance of alumni and academic guests ever known in the history of the college gave congratulations on this significant occasion.

Bethany College begins the second century of service to youth with confidence and courage. Faculty and curriculum have been greatly strengthened. The plant and equipment of the college are adequate for the demands being made upon them for the largest

student body in history. There is a sustaining faith in the permanent values of a Christian college of the liberal arts in this hour of war and threatening disaster. For the duration of the war, the college offers such facilities as are needed for the use and support of the nation's effort to preserve the priceless heritage that is the common possession of all free men.

Bethany College has seen this country threatened by foreign and civil war and has survived. Today, it is better prepared than ever before for whatever the immediate future may hold.

The resources of the college will be used for the training of youth on a year round basis so long as such a program is justified in terms of use. The college will operate on a 48 week schedule for the duration of the war. According to present plans this will be divided into two 18 week semesters and one 12 week summer term. The arrangement will allow students to receive 48 hours of academic credit each year and to complete their college training and receive their degrees in three years or less.

This war will end, and in the years that will follow victory, Bethany College will continue to make contributions to winning and making secure a lasting peace.

ACCELERATED PROGRAM

Bethany College, like all other institutions of the United States, is cooperating as fully as possible to further the defense efforts of our nation. The country needs as never before college trained men and women to meet not only the emergencies brought about by the present conflict, but also to help solve the problems of the peace. To this end the college has adopted an accelerated educational program which will be followed until the present war emergency is over.

The college will operate on a schedule of 48 weeks of college teaching. This will be divided into two 18 week semesters and one 12 week summer term, an arrangement which will allow students to receive 48 semester hours of academic credit each year and thus to complete their college training and receive their degree in 3 years or less. Students who elect the accelerated program at Bethany College will need to enroll for 18 semester hours in each semester and for 12 semester hours in the summer term. It will be necessary for students to begin this program the first semester or term after they enter college if they expect to graduate in the least possible

time. Students pursuing the accelerated program will be able to graduate as follows: Seniors, class of 1942, may graduate May 17, 1942; Juniors, class of 1943, may graduate January 1943; Sophomores, class of 1944, may graduate in September, 1943; Freshmen, class of 1945, may graduate in June, 1944.

The program of courses has been so arranged that students may begin their college work at Bethany at the beginning of any term. The college may accept during the emergency a limited number of students of high academic ability who have not completed all the requirements for high school graduation. The procedure in these cases is described in the section of the catalogue under Admissions. It is pointed out here that only those students who wish to do so need to elect the accelerated program. The accelerated program will call for concentrated study and scholastic ability above the average. Students who do not elect to follow the accelerated program will be able to complete their college training and graduate at the end of four years. The college does not plan to lower any standards for admission or for graduation.

EQUIPMENT AND RESOURCES

LOCATION

Bethany College is situated in the northern panhandle of West Virginia, seven miles southeast of Wellsburg on State Route 67, fifteen miles north of Wheeling on State Route 88, and forty-five miles southwest of Pittsburgh. The village in which the college is located is easily accessible by automobile. A map indicating automobile routes to Bethany is printed on the inside back cover of this bulletin. A bus line operates on regular schedule between the village of Bethany and the city of Wellsburg. In Wellsburg connection is made with local bus lines for Steubenville, Ohio and Wheeling and various inter-state bus lines as well as with the Pennsylvania Railroad. Good railroad connections are possible by way of the Pennsylvania Railroad to Steubenville, Ohio and Wellsburg or by way of the Baltimore and Ohio to Wheeling. Bethany is eight miles from the Wheeling Ohio County Airport now under construction.

The village of Bethany is situated in rugged hilly country at an elevation of approximately 1,000 feet above sea level. It is accessible to and at the same time away from industrial centers and it provides a healthy and attractive environment for students.

BUILDINGS AND GROUNDS

Bethany College now has approximately 1,000 acres of land, with buildings and equipment valued beyond a million dollars. The land includes the college campus, the college farms, and a number of acres set aside for recreational purposes.

THE COLLEGE CAMPUS—The college campus, consisting of about fifty acres, is located on a hilltop overlooking the beautiful Buffalo Creek. On these fifty acres are a variety of fine trees and numerous shrubs attractively placed in a well-kept lawn. The parklike campus with its background of wooded hills provides a picturesque setting for the college and its community.

THE MAIN COLLEGE BUILDING—The Main Building stands in the center of the attractive campus. It is an imposing structure of Gothic architecture and is well adapted to the purpose for which it is used. It contains about forty rooms, most of which are used as classrooms. Along the west side and running the entire length of the building is the Corridor, an open promenade three hundred feet in length.

COMMENCEMENT HALL—This building was reconstructed and dedicated in 1924. The original Commencement Hall was built in 1872, and the Gothic lines of the original building have been kept. The auditorium seats approximately six hundred people and contains an equipped stage, pipe organ, and facilities for motion pictures. Studios for music and speech, together with several practice rooms for music and a shop room for theater arts are located on the lower floor of this building.

E. W. OGLEBAY HALL OF AGRICULTURE—This hall was donated to the college by the late Earl W. Oglebay, of the class of 1869. This building is used mainly for the teaching of the sciences. It contains chemical and biological lecture rooms, library, laboratories, and supply rooms. The style of architecture is Tudor Gothic and harmonizes with that of the Main Building.

CARNEGIE LIBRARY—This building was made possible by gifts of Andrew Carnegie in 1906. The building is constructed of brown pressed brick with berea sandstone trimmings. On the first floor are a large reading room and conference rooms. On the second floor are the main library desk and catalogue, the book stacks, and magazine reading room. On the third floor are rooms for bound copies of magazines and journals, the library work room, rooms for the college museum, and the Centennial Room which contains a display of pictures and mementos related to the activities of the college through all the years.

THE IRVIN GYMNASIUM—This strictly modern gymnasium was donated by the Irvin family of Big Run, Pennsylvania, in 1919. The building, being of Gothic architecture, is in harmony with the other college buildings. It is equipped with swimming pool 20 by 60 feet, shower baths, team rooms, trophy room, and running track, in addition to the gymnasium floor.

RINE RECREATION FIELD—As a memorial to the late Edwin M. Rine, friend and benefactor of the college, the Board of Trustees has purchased and designated 80 acres of land directly west of the campus to be known as the Rine Recreation Field. A large amount of the grading has already been completed, and an area approximately 300 x 900 is now available for recreational purposes. When completed these fields will have facilities for football, baseball, hockey, tennis, soccer, volleyball, archery, and track.

NATURE TRAIL—Margaretta Parkinson bequeathed the Parkinson Farm to the College in 1914. Under the terms of this bequest two tracts of virgin timber on this property, known as the Park-

inson Oaks and the Parkinson Woods, are to be preserved intact as a memorial to Thomas Parkinson and Margaret Parkinson, her grandparents and former owners of the farm.

Through this tract of magnificent oaks, elms, birches, and beeches there has been constructed a nature trail together with several picnic spots for the use of students and friends of the college. The trail follows the banks of a ravine which is crossed in several places by rustic bridges. New species of trees, shrubs and wild flowers are being planted along the trail and in the woods which have been set aside as a bird and game sanctuary. These facilities are useful in the nature recreation program of the college.

PERCY B. COCHRAN HALL—Hon. M. M. Cochran, of the Class of 1875 donated this splendid dormitory for men in 1910 as a memorial to his son, Percy B. Cochran, of the Class of 1900. The building is four stories high and is built of white brick. A men's lounge together with browsing library and kitchenette occupy the first floor. The other floors are used as rooming places for young men. The building is of fireproof construction and is modern in its appointments. The second and third floors of the front wing are arranged in suites. In each suite there is a study room and adjoining the study room there are two bedrooms. The fourth floor of the front wings and all floors of the rear wing are arranged in double and single rooms. The rooms are furnished with desks, study chairs, chiffoniers, and beds. In this building are rooms for the Dean of Students, who is in close contact with all of the students.

PHILLIPS HALL—This dormitory for women was originally donated to the college by Hon. Thomas W. Phillips, Sr., of New Castle, Pennsylvania. In 1930 a splendid new dormitory was completed to replace and include the original building. The new Phillips Hall of red brick and stone has been built along Gothic lines to harmonize with the other buildings of the college. There are student rooms for over a hundred women. In addition to the dormitory space the building provides a central dining room for all of the college women and for other important services of the college.

Each student room is equipped with a study desk, the necessary chairs and beds, and built-in cabinets which provide each resident with a chest of drawers and a wardrobe with extension hangers.

The social needs of the young women and the entire college are

served by the large lobby, small loggias, and the spacious drawing room on the main floor. In addition there are rooms for the Adviser for Women, the Head of Residence, the needed help for the care of the building, and some guest rooms for mothers who may be visiting students in the Hall.

THE BETHANY HOUSE—A Dining Hall for Men—This new building provides dining facilities for the men of the college an informal social center for the entire student body. This center is referred to by the students as the Bee Hive and provides refreshment and recreation for students and their friends. The building is part of a proposed student union which is planned for the future.

HELWIG HOUSE—This is a well-appointed dormitory for twenty-five college women, named in memory of Miss Anna L. Helwig of Wheeling. It is operated under conditions similar to those governing residents in Phillips Hall with a faculty resident in charge.

GATEWAY HALL—This is a well-appointed dormitory for forty-five college women. It is operated under conditions similar to those governing residents in Phillips Hall with a faculty resident in charge.

RESIDENCE HOMES FOR WOMEN—The college operates three residence buildings on Main Street for college women. These are occupied by chapters of national sororities and operated under conditions similar to those governing residents in Phillips Hall.

PENDLETON HEIGHTS—A short distance to the north of the Main Building on the campus is the home of the President of the College, known as Pendleton Heights. The building was erected by W. K. Pendleton, second president of the college. It was purchased by the college in 1890. The building is attractively furnished and is admirably suited for its intended purpose.

POINT BREEZE—The manor house, Point Breeze, is operated by the college as an inn for the accommodation of students and guests. Dining and lodging facilities are available at certain periods of the year. The Point Breeze estate, which is adjacent to the college, was purchased in 1937. It had been the home of William H. Nave, a former trustee of the college.

THE COCHRAN CENTRAL HEATING PLANT—The college came into the possession of this building and its equipment through the generosity of Hon. M. M. Cochran of the Class of 1875. The heating plant was completely remodeled and new units installed

in 1935. The college buildings and the Bethany Memorial Church are adequately heated from this source.

THE COLLEGE FARM AND FARM BUILDINGS—Through the generosity of the late E. W. Oglebay of the Class of 1869, Bethany College owns the Alexander Campbell farm of 205 acres. Several years ago, at Mr. Oglebay's expense, many improvements were made on this farm, including a large round dairy barn 86 feet in diameter and a creamery building. By deed bearing date of April 7, 1914, Miss Margaretta E. Parkinson has given to the college the farm of 251 acres adjoining the college.

LIBRARIES

LIBRARY AND READING ROOM EQUIPMENT—The Bethany College Library contains more than 35,000 volumes of carefully selected books and periodicals designed primarily to meet the needs of the students of an undergraduate liberal arts college. Approximately 2500 books are added annually by purchase and gift to supplement the collection and to keep it up-to-date. The books are classified by the Dewey Decimal Classification and are cataloged by Library of Congress Rules.

The Library is housed in a separate building which was a gift of the late Andrew Carnegie. On the first floor of the building are the offices of the Librarian and the Assistant Librarian, and the Reference, Bibliography, and History collections. The main collection of books, the reserve collection and the card catalog are on the second floor. The third floor contains the periodicals, current and bound, the Bethany Collection, and the College Museum. The building has a seating capacity of 154.

GENERAL REGULATIONS—The Library is open Monday through Thursday from 7:50 A.M. to 9:30 P.M., on Friday and Saturday from 7:50 A.M. to 5:00 P.M., and on Sunday from 2:00 P.M. to 5:00 P.M. The building is closed during chapel, at mealtime, and during all scheduled school holidays. Books from the stacks, which are open to all students, may be charged out for two-week periods and may be renewed. Reserve books may be charged out for two-hour periods during the day and for over-night use. These books are due back when the library reopens. Books in the reference collection and periodicals, bound and unbound, are not available for general circulation but are to be used in the building.

SPECIAL COLLECTIONS—Several valuable collections have been

received by the college and have been made a part of the college library. The principal parts of the libraries of Alexander Campbell, Robert Richardson, Miss A. C. Pendleton, Archibald McLean, W. S. Priest, Levi Marshall, Miss Mary I. Nichols, R. H. Wynne, Cloyd Goodnight, and M. M. Cochran are among these. A valuable collection of early literature of the Disciples of Christ has come from Samuel Lindsay, Buffalo, New York, from Rev. W. S. Good, Youngstown, Ohio, and from Miss Ellen Thomas, Augusta, Ga.

CHRISTOPHER GRAHAM LIBRARY—A small library for leisure time reading is maintained in the Men's Lounge at Cochran Hall. This library is dedicated to the memory of "a truly fine college boy" who was a student leader and resident in Cochran Hall in 1932-33.

DAGNEY ANDERSEN LIBRARY—In one of the loggias in Phillips Hall a small library for leisure time reading is maintained for the use of college women. It is dedicated to the memory of Miss Dagny Andersen, of the Class of 1935, who was one of Bethany's most representative college women.

THE CHEMISTRY STUDY LIBRARY—The departmental library for chemistry is located on the third floor of Oglebay Hall. Here are complete files of many of the leading chemical journals and other general reference materials for the use of the Chemistry Department.

INSTRUCTIONAL EQUIPMENT

BIOLOGY LABORATORIES—The biology laboratories and conference rooms are located on the first floor of Oglebay Hall. These laboratories are adequately equipped to take care of courses in general biology, plant morphology and physiology, bacteriology, comparative anatomy, embryology, and histology. Special research facilities are available for students in the upper division. Work shops for ornithology and taxidermy, modeling and other departmental activities are situated in the basement of Oglebay Hall.

CHEMICAL LABORATORIES—These laboratories occupy the second and third floors of Oglebay Hall. They consist of a general laboratory, an analytical laboratory, and a well equipped laboratory for organic and physical chemistry. There are also two minor research laboratories, a spectroscopic laboratory, balance rooms, chemical storerooms, and a small machine shop. General apparatus is adequate for individual instruction in all courses offered.

PHYSICS LABORATORY—The rooms used by the Department of Physics are on the first floor of the Main Building. Modern equipment sufficient for elementary and advanced physics courses is in the possession of the college. Special apparatus is available for work in the fields of magnetism, photo-elasticity, radio transmission and reception, cosmic rays and astronomy. An E-I spectrograph, loaned to the college by the Follansbee Brothers Steel Company, is available for research work in steel analysis and other fields of spectroscopy.

PSYCHOLOGICAL LABORATORY—The laboratory for experimental psychology is located on the second floor of the Main Building in connection with the psychology lecture room. The laboratory is equipped for individual work in elementary experimental psychology, mental measurements, and some phases of applied psychology.

MUSIC EQUIPMENT—The studios and practice rooms of the Department of Music are located on the first floor of Commencement Hall. They are well equipped with pianos for the use of students taking work in music. A two-manual Teller-Kent pipe organ in Commencement Hall and the pipe organ at the Bethany Memorial Church are available for students. The vocal work in music is facilitated by the use of a voice recording machine.

SECRETARIAL TRAINING—Laboratory work rooms are maintained for students who are taking secretarial training and commercial education. The equipment includes typewriters and various office appliances.

MUSEUM

The museum is located on the third floor of the Carnegie Library. It includes a fine collection of rocks, minerals and typical fossils representative of the various periods of the earth's history, and interesting zoological and anthropological displays. Among the interesting exhibits are:

- The Herbert Smith African Display
- The Edward Johnson African Display
- The J. H. Metze Collection of Indian Relics
- The I. T. Green Indian Collection
- The Maude Madden Exhibit from Japan
- The Louise Helwig Exhibition of Antiques and Coins
- The Emma M. Lyon Exhibit from China

New materials are added to the museum by friends of the college nearly every year.

ENDOWMENTS

The book value of the endowments of the college as of June 30, 1941, was \$2,333,346.26.

THE M. M. COCHRAN GENERAL ENDOWMENT—On January 25, 1921, Hon. M. M. Cochran of the Class of 1875, gave Bethany certain valuable assets, the proceeds of which are known as the M. M. Cochran General Endowment Fund. Further securities were added to this endowment in 1929 to strengthen and secure the original donation. The value of this gift to the college is placed at \$500,000.

THE M. M. COCHRAN ENDOWMENT OF 1923—On February 19, 1923, Mr. Cochran gave \$300,000 to the college to be known as the M. M. Cochran Endowment of 1923. This was part of the campaign to secure endowment for the college in cooperation with the General Education Board and resulted in increasing the endowments of the college by \$600,000.

THE M. M. COCHRAN ENDOWMENT OF OFFICE AND CHAIR OF PRESIDENT—In collaboration with the Men and Millions Movement of the Disciples of Christ, M. M. Cochran began an endowment of the President's Chair at Bethany College. Subsequent donations increased the endowment for this chair to \$100,000.

THE M. M. COCHRAN TRUST FUNDS—On the death of M. M. Cochran three special funds were set up subject to certain remainder interests, the balance of the income to be used for the general purposes of the college. Certain life interests being satisfied, these trust funds are to become a part of the M. M. Cochran general endowment. The value of these trusts is \$805,695.36.

THE THOMAS W. PHILLIPS BIBLE CHAIR ENDOWMENT—Hon. Thomas W. Phillips, Sr., of New Castle, Pennsylvania, has given \$30,000 to endow a chair known as the Thomas W. Phillips Bible Chair.

THE SARAH B. COCHRAN CHAIR OF PHILOSOPHY ENDOWMENT—Mrs. Sarah B. Cochran, of Dawson, Pennsylvania, has contributed \$25,000 toward the endowment of a chair to be known as the Sarah B. Cochran Chair of Philosophy.

THE HERBERT MONINGER CHAIR OF BIBLE SCHOOL PEDAGOGY ENDOWMENT—Through the interest and generosity of many Bible schools, churches, and individuals, a fund of \$25,000 has been given to the college for the endowment of the Moninger Memorial Chair of Bible School Pedagogy. Herbert Moninger was a graduate of the Class of 1898.

THE GEORGE T. OLIVER CHAIR OF HISTORY ENDOWMENT—The late Senator George T. Oliver of the Class of 1868 gave \$50,000 to the permanent endowment fund to be used for the endowment of the George T. Oliver Chair of History.

THE R. A. LONG CHAIR OF MATHEMATICS ENDOWMENT—In connection with the Men and Millions Movement of the Disciples of Christ, R. A. Long of Kansas City, Missouri, gave \$50,000 to the endowment fund of the college. This amount was to be used to endow the Chair of Mathematics.

THE THOMAS W. PHILLIPS, JR., ENDOWMENT—Hon. T. W. Phillips, Jr., of Butler, Pennsylvania, has donated \$55,000 to the general endowment of the college to be known as the T. W. Phillips, Jr., Endowment Fund.

THE E. M. RINE TRUST FUND—The late E. M. Rine, of Montclair, New Jersey, bequeathed to the college a large share of his estate. Monies from this estate are placed in the E. M. Rine Trust Fund as they are received and are disbursed in accordance with the action of the Board of Trustees. Approximately \$219,000 of this has been used for special purposes. The present value of the property and securities remaining in the trust fund is approximately \$75,000 and is temporarily designated as endowment. An additional \$90,000 will come to the college from this source at a future date.

SPECIAL FUNDS

THE GANS FUND—The Gans Fund was established by Wickliffe Campbell Gans, graduate of Bethany College of the Class of 1870, and his brother Emmett W. Gans, in memory of their father and mother, Dr. Daniel L. Gans and Margaret Gordon Gans of East Sparta, Stark County, Ohio. This fund has a value of approximately \$50,000, the income from which is to be used to encourage advanced study and research in science by juniors, seniors, and graduates of Bethany College.

THE J. T. SMITH FUND—J. T. Smith bequeathed \$17,216 to the college, the income of which is to be used to assist young men and women who are studying for the Christian ministry.

THE MINNIE W. SCHAEFFER FUND—Minnie W. Schaeffer has given a sum of \$8,000 to Bethany College, which sum has been designated by the trustees to be used for assistance of students at the college preparing for definite Christian service, and subject to future action of the Board of Trustees.

THE ANNA L. HELWIG FUND—Anna L. Helwig donated to the college the sum of \$32,000 for the general purposes of the college. This sum is temporarily designated as endowment subject to future action by the Board of Trustees.

THE JOSIAH N. WILSON FUND—Josiah N. Wilson donated to the college the sum of \$2,567.03, the income of which is to be used to assist such students as may be studying for service in the Christian Ministry and may be designated by the President of the college.

MEN AND MILLIONS FUND—Certain monies totalling \$66,000 received from the Men and Millions Movement of the Disciples of Christ is designated for general purposes of the college. These funds are temporarily designated as endowment subject to future action by the Board of Trustees.

ADMISSION AND INDUCTION

GENERAL REQUIREMENTS—Bethany College will accept as students only young men and young women who are well qualified to benefit from the type of educational experience and academic life available. All applicants for admission must furnish evidence of high moral character, good physical and mental health, sound scholastic preparation, and intellectual maturity. The Committee on Admissions and Classifications will consider the best interests of the applicant and the college before final acceptance is made. New students will be admitted at the beginning of any semester or term.

Only students who are graduates of first grade high schools or preparatory schools with class rank in the upper half should apply. It is expected that all applicants will be taking regular academic work as candidates for a baccalaureate degree.

All applicants for admission must have been vaccinated within the past three years, or they must arrange to be vaccinated by the Student Health Service within one month after entrance unless excused by the Committee on Admissions and Classifications.

FRESHMAN ADMISSION—Applicants for admission to the freshman class will be judged acceptable in terms of scholastic preparation and intellectual maturity by any one of the following three plans:

I. *By Certificate*

Graduates of any accredited high school or secondary school may be admitted to freshman standing on presentation of statement signed by proper school authorities, showing the kind of and the amount of scholastic work done, provided:

- (a) the scholastic work completed is of such quality as to place the student in the upper half of his graduating class. Exceptions to this will be made only upon adequate evidence from scholastic aptitude tests administered by a competent examiner at the college or at the secondary school.
- (b) the student's record indicates the completion of at least fifteen acceptable units of secondary school work. Students from senior high schools may be admitted with eleven units of senior high school work.*

* Note: Not less than one-half unit will be accepted in any subject and not less than one unit will be accepted in any foreign language, algebra, plane geometry, chemistry, physics, or shorthand.

- (c) two-thirds of the units of secondary school work accepted for entrance must be in English, foreign language, mathematics, natural sciences, and social studies. These units should normally include three units of English, at least three units of a foreign language or social studies, and two units of mathematics or science. In the case of graduates of senior high schools the same general pattern of units is desired.

II. *By Examination*

Students who have not been regularly prepared for college in a recognized secondary school may apply for admission by making a complete statement regarding qualifications and training. Such students can be regularly admitted if they qualify in a battery of achievement examinations given at the college under the direction of the Committee on Admissions and Classifications. The examinations will be given upon the scholastic work covered by the list of secondary units approved by the North Central Association of Colleges and Secondary Schools.

College Entrance Board Examination certificates will be accepted in lieu of high school certificates or examinations by Bethany College.

III. *By Cumulative Record*

The Committee on Admissions and Classifications will receive cumulative standard test records and other objective data which may give evidence of an applicant's ability to profit by college experience. Such records or data should (1) cover at least the three most recent years of the applicant's school life, (2) provide fairly reliable information as to his intellectual capacity, (3) include an accurate record of the results of comparable achievement measures in various academic subjects. Data obtained from all tests will be interpreted in authenticated comparable terms, such as well established public school or independent school percentiles.

ADVANCED STANDING—Students from other accredited colleges may be admitted upon the presentation of evidence that they have satisfied the general requirements for admission and that they were in good standing in the institution last attended. All applications for admission from students for advanced standing must be

accompanied by official certificates stating the nature and extent of college courses completed and all disciplinary or academic items that belong to such a record. Such a statement must be signed by the president or other official of the institution where the work was done.

The evaluation and acceptance of credits earned at an accredited institution will depend upon the quality of the academic work completed. Only a minimum of academic work ranked below "average" (grade C) will be accepted. Not more than sixty-five hours will be allowed for junior college work.

Credit will be allowed for work done in non-accredited institutions only by special action of the Committee on Admissions and Classifications. This Committee may require that the applicant take a series of subject matter examinations, or that the applicant be classified one class below that attained in the institution from which the credits were presented.

A student transferring to Bethany cannot be granted a degree unless he has been in attendance at the college at least during his senior year.

SPECIAL STUDENTS—A limited number of students who are not candidates for a degree may be admitted to the college as "Unclassified students" with permission to pursue selected courses. Special application must be made for such classification, and approval for the same may be given only if the applicant can satisfy the Committee on Admissions and Classifications that he can pursue the courses with profit, that he has a serious purpose in mind, and that he can meet the general requirements as to health, character, and mental ability.

ADVANCED STANDING BY ACHIEVEMENT TESTS—Any students who have anticipated the subject matter of any of the prescriptions for degrees listed under the requirement of hours may make application to take an achievement test. If the result of this test indicates sufficient mastery of the subject the prescription will be waived. Passing the achievement tests will not give credit in hours toward the degree. The application for an achievement test should be made to the Committee on Admissions and Classifications. It should state the achievement tests which the student desires to take and the basis of his preparation for the test. The statement should include detail as to any supplementary reading done in addition to

the prescribed school work in the form of a list of titles and authors of books. The testing will be in charge of the Dean of Students and the heads of the departments concerned.

PLACEMENT TESTS FOR FRESHMEN—For purposes of educational guidance all freshmen are required to take placement examinations in certain academic subjects such as English, history, and foreign languages. These examinations are given before the final registration at the opening of the college year in order that failures due to misplacement in courses may be avoided if possible. The type of examination used is designed to test the readiness with which the student can adapt his knowledge to the requirements of college work. The results of these examinations are used to determine a student's placement in courses and in sections.

ORIENTATION PROGRAM AND REGISTRATION—The college recognizes the need of giving newly entering students an introduction to their work, and for this purpose it requires freshmen to come to Bethany several days before the formal registration of all other students. These "Freshman Days" are devoted to efforts to help the freshmen make a proper adjustment. "Freshman Days" are scheduled at the beginning of each semester and summer term.

The time designated for "Freshman Days" will be used for the following activities:

- a. Getting properly settled in dormitory.
- b. Registration and payment of fees.
- c. Physical examination.
- d. Placement and achievement tests which will enable the faculty to place the student in the classes for which he is best fitted.
- e. Conferences with the faculty counselor as to educational and vocational program.
- f. Social and recreational activities, "get acquainted" meetings, etc.

Attendance during "Freshman Days" is required of all who will enter as freshmen. The dates for the 1942 Summer Session are June 14 to 16, for the Fall Semester they are September 13 to 15, 1942, and for the Spring Semester they are January 31 to February 2, 1943.

PRE-COLLEGE GUIDANCE—At various times during the year op-

portunity is offered for the pre-college guidance of secondary school juniors and seniors who are looking toward college. At these times it is possible for parents and students to confer with officers of the college, to have school records appraised, and to take college aptitude tests. This service is offered to prospective students without obligation to them and may be secured at the college and by appointment in other centers as New York, Buffalo, Pittsburgh, Cleveland, Detroit, and Chicago. Arrangement for pre-college guidance of any kind should be made with the Director of Admissions.

METHOD OF ENROLLMENT—All matters related to the enrollment of new students are handled through the office of the Director of Admissions. The proper form to be used in making application for admission and blanks to be used in making application for a room in one of the college dormitories will be supplied by his office. The Application for Admission (see preliminary form in back of catalogue) should be filed as early as possible and must be accompanied by the admission fee of \$10.00. In case application is denied, the admission fee will be refunded. These should be mailed directly to the Director of Admissions.

The application form requires rather complete data as to the applicant's personal and educational background together with an official record of his scholastic preparation. The Committee on Admissions and Classifications will review applications within two weeks after they are received and notice of action taken will be sent directly to the applicant. The admission fee serves as a dormitory room reservation deposit if the applicant is accepted, and is set aside as a breakage deposit at the time of registration at the college. If the student is accepted and for any reason is unable to attend Bethany College, \$7.00 of the admission fee will be refunded provided notice of this decision is given to the college on or before the specific dates designated on the application forms. If withdrawal occurs after these dates, no part of the application fee will be refunded.

RESERVATION OF DORMITORY ROOMS—All rooms in college dormitories must be engaged in advance. In case the student remains in the dormitory for the full year, the admission fee will be refunded, except for proper charges for breakage and inspection. In the case of withdrawal from the dormitory after registration, charges for room rental are refunded on a pro-rata basis, but the deposit fee is forfeited by the student.

An applicant for admission who finds that it will be impossible to enter college can get a refund of \$7.00 if notice is given to the Director of Admissions prior to the specific date designated on the application form.

Plans showing the arrangement of rooms in the dormitories, detailed statement of prices, and reservation blanks may be obtained from the Director of Admissions.

EXPENSES

TUITION—The tuition each semester is one hundred and twenty-five dollars for fifteen academic hours or less. For each academic hour in excess of fifteen, an additional eight dollars is charged. No charge is made for required courses in physical education or for orientation taken to meet the graduation requirements.

By special action of the Board of Trustees, the tuition for alumni of the college has been set at twenty-five dollars per semester. All special fees will be charged as usual in such cases.

By special action of the Board of Trustees, members of families of home and foreign missionaries actively in service are allowed free tuition for regular academic work at the college.

ADMISSION FEE—A fee of ten dollars is required with each Application for Admission. At the time the student enrolls at the college this fee becomes a guarantee and breakage deposit on rooms for students planning to live in one of the college dormitories. If the applicant is not planning to live in a college dormitory the fee will be applied on the tuition charge.

ROOM RENT IN COCHRAN HALL—The rent for rooms in this hall for young men ranges from \$60.00 to \$75.00 per semester for each student. Single rooms and double rooms, and suites are provided. Permission for installation of radios and special electrical equipment must be obtained from the officer in charge of the hall, and a charge may be assessed for such items. The rental charge includes the use of bed linen, electric lights, and janitor service.

Bed linen, bed spreads, and curtains are furnished and laundered for all residents. Porter service is provided for the entire building. Young men rooming in this hall are expected to furnish their own blankets, towels, study lamps, and rugs. The hall is completely closed during the Christmas and spring vacation periods. Rooms must be engaged in advance.

ROOM RENT IN WOMEN'S RESIDENCE HALLS—The rent for rooms in Phillips Hall for young women range from \$60.00 to \$80.00 per semester for each student. Single rooms and double rooms are available.

The rent for rooms in Helwig House for young women is \$55.00 to \$60.00 per semester for each student. Single rooms and double rooms are available.

The rent for rooms in Gateway Hall for young women is \$60.00 per semester for each student. Single rooms and double rooms are available.

The rental charge in Phillips Hall, Helwig House and Gateway Hall includes such items as electric lights, janitor service, use of kitchenettes, and laundries. Permission for the installation of radios and special electrical equipment must be obtained from the Head of Residence and a charge may be assessed for such items.

Young women living in these Halls are expected to furnish comforts, blankets, sheets, pillow cases, towels, study lamps, and rugs. Maid service for the care of the rooms is not provided. The Halls are closed when the college is not in session. Rooms must be engaged in advance.

ROOM RENT IN DORMITORY HOUSE—Rooms in these houses are for young women affiliated with a sorority group. They are rented by the individual student who signs a rental contract for her room under the same conditions which apply in other residence halls but the sorority group is responsible for providing a minimum number of occupants. If this number is not provided the group can be charged a monthly rental to take care of the loss of income to the college.

The rent for rooms in these houses for young women ranges from \$45.00 to \$55.00 per semester for each student. Single and double rooms are available. The rental charge covers the cost of utilities service but the expense for the care and supervision of the houses is the responsibility of the sorority. Permission for the installation of radios and special electrical equipment must be obtained from the Head of Residence and a special fee may be assessed for certain such items.

Young women living in these houses are expected to furnish comforts, blankets, curtains, sheets, pillow cases, towels, study lamps, and rugs. They are expected to care for their own rooms. These buildings are closed when the college is not in session.

BOARD FOR WOMEN—Board in Phillips Hall is for young women only and the charge is \$6.50 per week. All young women students are expected to board there. The price of board in Phillips Hall is subject to revision in case of a change in general price levels.

BOARD FOR MEN—Board in the Bethany House is for college men and the charge is \$6.50 per week. All men students are expected to board there. The price of board in the Bethany House

is subject to revision in case of a change in general price levels.

HEALTH AND MATRICULATION FEE—A health and matriculation fee of \$10.00 each semester is charged to all students. This fee covers the special services that are ordinarily charged for student health fee, library fee, gymnasium fee, etc.

STUDENT ACTIVITIES FEE—A student activities fee of \$10.00 each semester is charged to all students. This fee provides for participation in athletic competition and contests, an interesting program of lectures and concerts, and a variety of extra-curricular activities directly managed by the Student Board of Governors.

ESTIMATED EXPENSES FOR YEAR

FOR MEN AND WOMEN

Tuition (\$125.00 per semester)	\$250.00
(Includes fifteen academic hours or less. For each academic hour in excess of fifteen, an additional \$8 is charged. No charge is made for required courses in orientation or physical education.)	
Room in College Dormitory (\$60 to \$80 per semester)	120.00 to 160.00
Board at College Dining Hall (\$6.50 per week)	227.50
Student Activities Fee (\$10 per semester)	20.00
(This fee provides for participation in athletic competition and contests, program of lectures and concerts, student publications, college social functions, and all extra-curricular activities.)	
Health and Matriculation Fee (\$10 per semester)	20.00
(This fee covers the special services that are ordinarily charged as student health fee, library fee, gymnasium fee, etc.)	

MISCELLANEOUS FRESHMAN FEES REQUIRED OF BOTH MEN AND WOMEN

Admission Fee (All new students)	\$ 10.00
(This fee must be paid before any action is taken on application for admission. It also serves as a room reservation and breakage fee and is refunded at the end of the year provided no damage is done to the room or its equipment.)	

Freshman Days Fee (First term or semester only) \$ 10.00
(Freshman testing program, etc.)

Deposit for Dormitory Room Key 1.00
(Refund on return of keys.)

Total Required Fees for Men and Women

For semester \$318.75 to \$338.75

For year \$637.50 to \$677.50

To the above cost must be added the cost of books, clothing, laundry, travel, and personal spending money. The cost of books per the college year (two semesters) averages \$20 to \$25. The other items are not unusual but will be determined by the individual student. Expenses after the freshman year vary with the program of the individual.

The college is required to collect the West Virginia Sales Tax of 2% on room and board in addition to published charges for the same.

ESTIMATED EXPENSES FOR SUMMER TERM

(12 weeks)

FOR MEN AND WOMEN

Tuition (\$10 per semester hour)

12 weeks, 12 semester hours \$100.00

6 weeks, 6 semester hours 50.00

Health and Matriculation, and Student Activities Fees

12 weeks 12.00

6 weeks 6.00

Room

12 weeks 40.00 to 55.00

6 weeks 20.00 to 27.50

Board (\$6.50 per week)

12 weeks 78.00

6 weeks 39.00

Laboratory and Special Fees

(See college catalogue)

Total Required Fees for Men and Women

12 weeks \$230.00 to \$245.00

6 weeks \$116.00 to \$123.50

To the above cost must be added the cost of books, clothing, laundry, travel, and personal spending money. The other items are

not unusual but will be determined by the individual student. Expenses after the freshman year vary with the program of the individual.

The college is required to collect the West Virginia Sales Tax of 2% room and board in addition to published charges for the same.

MUSIC FEES

Private Lessons, two lessons a week, per semester	\$50.00
Private Lessons, one lesson a week, per semester	27.00
Organ Practice, one hour each day, per semester	20.00
Piano Practice, one hour each day, per semester	5.00
Piano Practice, three hours per week, per semester	3.00
Practice Room for instrumental music, one hour each day per semester	2.00

LABORATORY AND COURSE FEES

Biology 11, 12, 36, 57, 58, 65, 76, 78	\$ 6.00 per semester
Biology 53, 54	7.00 per semester
Biology 67	5.00 per semester
Biology 91-92 (each hour)	6.00 per semester
Chemistry 11, 12	6.00 per semester
Chemistry 25, 26, 51, 52, 58	7.00 per semester
Chemistry 61, 62, 65, 66	8.00 per semester
Chemistry 63, 64	5.00 per semester
Chemistry 45, 75, 76, 91, 92 (each hour)	4.00 per semester
Education 64	2.00 per semester
Education 81, 82	20.00 per semester
Speech and Dramatics 45, 46, 47, 48	2.00 per semester
Mathematics 21	2.00 per semester
Mathematics 22	4.00 per semester
Physics 15, 18, 21	3.00 per semester
Physics 31, 32, 55, 56, 63, 67, 68	4.00 per semester
Physics 91, 92 (each hour)	4.00 per semester
Psychology 53	3.00 per semester
Psychology 64	2.00 per semester
Secretarial Training 11, 12, 21, 22, 49	5.00 per semester

OTHER SPECIAL FEES

Comprehensive examination for students not in residence . . .	\$25.00
Each academic hour when less than twelve, per semester . .	10.00
Each change in registration after first two weeks	1.00

Freshman days fee	\$10.00
Radio use fee, per semester	.50
Room reservation fee for upperclassmen	5.00
Late registration, first three days, per day	2.00
Special final examination in any department or course	2.00
Special placement or achievement test in any department ...	2.00
Transcript fee (after first issue)	1.00
Graduation and Diploma fee	10.00
Infirmary charge, per day (after three days)	1.00

BREAKAGE AND GUARANTEE DEPOSITS

Certain fees are charged to cover cost of materials placed in the hands of students or as a guarantee of proper performance of duties assigned. Unused balances of these fees are refunded at the end of the college year.

Biology 34	\$ 5.00 per semester
Biology 53, 54	3.00 per semester
Chemistry 11, 12, 45, 75, 76, 91, 92	3.00 per semester
Chemistry 25, 26, 51, 52, 58	6.00 per semester
Chemistry 61, 62, 63, 64, 65, 66	7.00 per semester
Chemistry 81, 82 (Travel)	10.00 per semester
Key deposit for all dormitory rooms	1.00
Deposit on locker in gymnasium	1.00
Guarantee Deposit for Student Employment .	5.00

NOTE: A desposit on locker keys is charged to all students enrolling in activity courses in physical education or to those reserving lockers in the gymnasium for personal use.

PAYMENT OF ACCOUNTS

Tuition, room rent, board, student fees, health and matriculation fees, are due and payable on Registration Day of each semester. Board in Phillips Hall and the Bethany House is charged for the entire semester and must be paid in advance. All accounts are payable to the Bursar of Bethany College.

Upon request, a period of two weeks after the opening of the semester may be allowed for the payment of tuition, room rent, board, and fees as listed on the invoice. It is required in each case, however, that the student shall make a minimum cash payment of \$50.00 on Registration Day of each semester. Students are not considered to be properly enrolled any semester until this minimum payment has been made. Scholarship awards do not apply on the

required minimum payment. In case the student's account is less than \$50.00 full payment of the same is required in advance.

All accounts must be paid in full within two weeks after registration. For the summer term 1942 the final day for settlement of accounts is June 29, 1942, and for the fall semester of 1942-43 the final day is September 29, 1942, and for the second semester the final day is February 16, 1943.

Arrangements may be made for deferred payment by proper application addressed to the Committee on Financial Aids.

As an associate to the Tuition Plan, Inc., we are prepared to extend to parents or guardians the opportunity of paying any balance on tuition, board, room rent and other college fees in equal monthly installments during the college year. The cost of this convenience, which is entirely optional with the parent, is 4% of the balance due. Those parents who wish to avail themselves of the deferred payment program will make payments direct to The Tuition Plan, Inc. Arrangements for this service are to be made with the Committee on Financial Aids and should be completed before Registration Day. Details will be furnished on request.

No student will be allowed to take final examinations or to receive academic credit of any kind in any semester until all his financial obligations to the college have been met. In case a student withdraws from college, all charges except certain special fees are pro rated, figured to the end of the week on which the withdrawal takes place. Refunds on college and board accounts will be made at the end of each semester. Scholarship awards are not applied on the accounts of students who withdraw before the end of the semester. There can be no change in the tuition or fees charged a student because of a reduction in credit hours in his schedule of courses after the first two weeks of any semester.

Checks in payment of all college accounts should be made payable to Bethany College, Bethany, West Virginia.

Freshmen will register for the summer term on June 14, 1942, and for the fall semester on September 13, 1942. The "Freshman Days" fee is payable on the above dates at the Bursar's office. The Freshman Fee covers board and room for the days of this week that are given over to freshman orientation and placement activities.

Final registration for Freshmen for the summer term is on Tuesday, June 16 and for the fall semester, on Tuesday, September 15, and all accounts for Freshmen are payable at that time.

All other students will register and make payment of their college accounts for the summer term on Tuesday afternoon, June 16; and for the fall term on Tuesday, September 15.

Registration for the second semester is on February 2, 1943 and all second semester accounts are payable on that date.

It is further understood that the College reserves the right to make legitimate charges against the room and breakage deposit fee for any damage done to the room or its furnishings, and to demand forfeiture of the key deposit fee if keys are not returned immediately after the room is vacated.

OPERATION OF DORMITORIES

Room assignments in all college dormitories are made for the academic year. For freshmen they are made in the order of application; for upperclassmen, in the order of class membership, supplemented by the drawing of lots. Any request for a change of assignment must be approved by the officer in charge, and a new contract issued. Preference is given to upperclassmen only up to April 15.

Double rooms may not be occupied by one student without extra charge. In case a student withdraws from college, charges will be refunded on a pro rata basis figured to the end of the week in which the withdrawal takes place.

Dormitories will be open for freshmen for the summer term Saturday noon, June 13, 1942, and for the fall semester from Saturday noon, September 12, 1942. Regular meals will be served beginning Sunday evening, June 14, for the summer term and Sunday evening, September 13, for the fall semester.

Dormitory rooms will be open for upperclassmen for the summer term Tuesday, June 16, and for the fall term Tuesday, September 15. The dormitories will be closed when the college is not in session.

Bethany College reserves all rights in connection with the assignment, termination of occupancy, and re-assignment of rooms in all dormitories.

SCHOLARSHIPS AND FINANCIAL AIDS

FRESHMAN SCHOLARSHIPS

HONOR SCHOLARSHIPS—By action of the Board of Trustees, the administration of the college has been authorized to award scholarships to the amount of \$250 to entering freshman students who rank in the highest honor group of secondary school graduating class. Such a scholarship provides a stipend of \$100 for the freshman year, \$75 for the sophomore year, and \$75 for the junior year. The award will not be continued beyond the freshman year if the student fails to maintain an academic point average of 1.5.

A limited number of scholarships to the amount of \$175 are available to entering freshmen who rank high in secondary school graduating class and who would not be able to attend college without such financial help. Such a scholarship provides a stipend of \$75 for the freshman year, \$50 for the sophomore year, and \$50 for the junior year. The award will not be continued beyond the freshman year if the student fails to maintain an academic point average of 1.25.

Scholarships for freshmen are open only to students who merit such awards because of their academic accomplishments at the secondary school level. The stipends that go with each award are applied on the tuition charge at Bethany College on the basis of one half for the first semester and one half for the second semester.

COMPETITIVE SCHOLARSHIP EXAMINATIONS—Early in the spring the college holds a competitive examination for high school seniors, and thirty scholarships ranging in amount from \$600 to \$800 are awarded to students making high scores on the examination. These awards are on the basis of \$150 or \$200 for each of the four college years. The competitive examination for the 1942-1943 awards will be held at the college on April 25, 1942 and May 9, 1942.

Those receiving scholarship awards by means of high standing in the competitive examination must maintain an academic point average of 1.5 after the freshman year in order to have the stipend continued.

REGIONAL ALUMNI SCHOLARSHIPS—Ten regional alumni scholarships are to be awarded to freshmen of unusual ability upon recommendation of the alumni groups in various districts. These are located all over the United States and are designated by the

Bethany College Alumni Association in collaboration with the administration of the college. These scholarship awards are for an amount of \$600 applicable on the tuition account of the student at the rate of \$75 per semester. The scholarship may be discontinued at any time the student fails to make an academic point average of 1.5 at the end of any one semester.

To be eligible for any one of these awards, the student must come from the upper quarter of his high school or preparatory school graduating class, he must have demonstrated interest in extra-curricular activities by active participation, he must be well recommended by responsible school officers, and he must have the endorsement of Bethany alumni in his area.

GENERAL REGULATIONS—All scholarships for freshmen are awarded by the Committee on Financial Aid after consultation with the Committee on Admissions and the Director of Admissions. It is intended that freshman awards should apply for the full year but no award will be continued beyond the first semester if the student fails to abide by the regulations and ideals of the college. Applications must be filed with the Director of Admissions at least three weeks prior to the date of admission to the college. All applications from new students must be accompanied by a transcript of secondary school work and the required Application for Admission.

For students electing the accelerated program, scholarship awards will be figured to include the summer term on the same basis as a semester. This means that an honor scholarship awarded to a freshman entering the college in June of 1942 will assure a credit of \$50 on the tuition account for the summer term and \$50 for the fall semester, and \$37.50 for the spring semester, the summer term and fall semester of 1943 and for the spring semester of 1944. The same requirements as to academic point average will apply for the accelerated program. All scholarship awards will be figured on this same basis.

Students will be eligible to receive only one award. Students qualifying for more than one must select the award which they prefer to accept.

SCHOLARSHIPS FOR UPPERCLASSMEN

TRUSTEES SCHOLARSHIPS—Sophomores, juniors, and seniors may apply for scholarship awards to the amount of \$50 to \$150, which have been authorized by the Board of Trustees for students above

the freshman rank who maintain a high grade of academic work and who would be unable to continue in college without such financial assistance. It is expected that in each case the applicant shall have met the following conditions:

1. His academic record must be above 1.25 average in the academic year preceding the application.
2. His financial obligations to the college met promptly.
3. His influence on the student body in every sense wholesome.
4. His continuance in college dependent upon some financial assistance.
5. He shall have made a worthwhile contribution to the life of the college and the college program.

Scholarships of \$150 are not usually awarded to students who have other forms of financial aid such as student employment. Academic standing and accomplishment are the chief criteria for scholarship awards.

It is understood that the following reasons will operate to cancel this scholarship for the next semester:

1. Failure to maintain an academic point average of 1.25.
2. Serious academic censure for any cause.
3. Unsatisfactory conduct.

All applications for scholarship awards from members of the present student body must be filed on or before May 12, 1942. Applications received after that date cannot be acted upon for the next college year. When a trustee scholarship is awarded the recipient is asked to sign a statement indicating his acknowledgment of an obligation and his intent to pay same after graduation.

All applications for scholarships for upperclassmen should be filed with the Dean of Students.

DESIGNATED SCHOLARSHIPS—The following scholarships have been especially designated by friends of the college and are subject to such special provisions as are mentioned:

MARY A. MORRISON SCHOLARSHIP—This is a scholarship covering three-fourths of the cost of tuition. The student enjoying the benefit of this scholarship is to be named by the administration.

ISAAC MILLS SCHOLARSHIP—This scholarship covers a part of the tuition charge, the benefits of which are to be received by a ministerial student.

G. A. WILLETT SCHOLARSHIP—This scholarship of \$100 per semester applies on tuition. The student receiving the benefits of

the same is to be nominated by a member of the Willett family.

ISAAC BROWN SCHOLARSHIP—This scholarship covers \$30 on tuition cost per semester.

ALBERT C. ISRAEL SCHOLARSHIP—This scholarship yields \$20 per semester to apply on tuition of a descendant of Albert C. Israel.

JENNIE I. HAYES SCHOLARSHIP—The income from this scholarship fund is awarded for the purpose of helping students who are preparing for the mission field or the ministry. The students who receive the benefits of this scholarship are to be nominated by the donor.

IDA M. IRVIN SCHOLARSHIP—The income from this scholarship fund is awarded to students who have reached the senior year in their college course. The students receiving benefits from this scholarship are to be nominated by the Committee on Student Aid after consultation with the donor.

HERBERT MONINGER SCHOLARSHIP—A scholarship endowed in memory of Mr. Herbert Moninger, a graduate of the college. The annual income of this scholarship is to be used to help some worthy student.

JOSIAH WILSON SCHOLARSHIP—As a memorial to Josiah N. and Wilmina S. Wilson and Nora B. Wilson a scholarship fund was established by Josiah N. Wilson. The income is used to aid some student or students who are preparing for the Christian ministry.

M. M. COCHRAN SCHOLARSHIPS—Several scholarships covering a part of the tuition charge. The students who receive the benefits of these scholarships are to be nominated by the President of the college.

Students getting designated scholarships must meet the same general requirements as for Trustee Scholarships but they are not expected to sign a statement indicating intent to repay the amount of the award.

RECOMMENDATION SCHOLARSHIPS—High school seniors in the Pittsburgh area are often recommended for scholarship awards on the basis of aptitude tests administered under the sponsorship of the Civic Club or the endorsement of the Phi Beta Kappa Association of Pittsburgh. In each case, the final award is in the hands of the college administration, but the recommendation or endorsement is almost always given favorable consideration. Awards to students who have such recommendation are usually \$150 for each of four years.

MINNIE W. SCHAEFER FUND—A fund of \$5,000 set up by the will of Mrs. Minnie W. Schaefer of Mt. Vernon, Ohio, the income of which is to be awarded to students planning for definite Christian service.

J. T. SMITH FUND—A fund of \$17,500 established by J. T. Smith of Memphis, Tennessee, the income of which is to be made available for students preparing for the Christian ministry or some other form of Christian service.

RHODES SCHOLARSHIPS—Men who have completed their sophomore year at Bethany College are eligible to compete for the Cecil Rhodes Scholarship, tenable for three years at Oxford University, England, with a stipend of \$1,500 each year. These scholarships are awarded on the combined basis of character, scholarship, athletic ability, and leadership in extra-curricular activities. Further information may be obtained from the Dean of Students. These scholarships have been suspended for the duration of the war in Europe.

SENIOR FELLOWSHIPS—Upon careful recommendation certain members of the junior class are designated as Senior Fellows during the following year. The selection is made only of students who have attained unusual excellence in the field of their major study and who by character and ability can do special work in a major department, as an assistant in some phase of instruction or research. The Senior Fellowship carries a small stipend. Not more than six senior fellowships are awarded in any one year.

The selection of Senior Fellows is made by the Committee on Honors from the nominations of department heads. It is intended that each Senior Fellow shall be given freedom to pursue the intellectual life and that he shall have the benefit of tutorial instruction in the department in which he works.

FOREIGN EXCHANGE FELLOWSHIPS—Through the Institute of International Education Bethany College offers to suitable graduates the privilege of candidacy for fellowships for graduate work in South American and European universities. Candidates for these fellowships must have a fair knowledge of the language of the country to which they are sent. They must have been graduated with a superior record in scholarship, and must be representative of the best type of American student. Applications must be in the hands of the Dean of Students by January 10. Each Fellow will be assigned to the university selected by the foreign exchange office of the Ministry of Education in the country concerned.

Each year at least two students from foreign countries come to Bethany to study on fellowships provided by the college administration. These students come to interpret their own people and their national culture to American student life. These awards are made only to students who are recommended by the Institute of International Education.

FINANCIAL AIDS

BETHANY COLLEGE LOAN FUNDS—By the action of the Board of Trustees, the several loan funds of the college have been consolidated into the Bethany College Loan Fund. Loans from this fund may be obtained by students on complying with the conditions governing the same. Approved security is required from all those borrowing from the fund. The amount of money that any student can borrow in a single year as well as the total amount available to any student is limited by the size of the fund. Money is loaned without interest while the student is in Bethany College. Loans are drawn to mature four months after graduation or withdrawal from college. All notes bear interest from the date of their maturity.

Applications for loans must be made to the Committee on Financial Aid through the Executive Secretary. The Committee will meet to review such applications on June 13, 1942, September 12, 1942, January 30, 1943 and May 8, 1943. All financial obligations to the college including the loan fund must be paid before an official transcript of the student's academic record can be issued.

The Loan Fund was started by gifts from the Hon. T. W. Phillips of New Castle, Pennsylvania, who donated to the Trustees of the College a total of \$10,000 for this purpose more than fifty years ago. Other gifts and accrued interest together with appropriations from the general funds of the college have increased the total fund. The notes receivable now total \$55,267.02.

STUDENT EMPLOYMENT—Limited opportunities for students to earn money for college expenses are afforded, but under no circumstances is it possible for a student to earn all of his expenses. The college will not undertake to provide student employment of any kind beyond \$100 as a total for one year.

Students may be designated as assistants in the various departments of the college, or to work on special projects which may be undertaken by members of the faculty. Women students are sometimes employed for clerical, stenographic, or library work at the

college, or in kitchen or dining room work at Phillips Hall. There are occasional opportunities for employment in certain of the homes in the village. Men students are often placed in maintenance or janitor work at the college. Other opportunities open are waiting table, tending furnaces, doing household work, etc. During the past few years many opportunities for student employment were furnished through the National Youth Administration.

Applications for student employment must be filed on a proper form and must be accompanied by a deposit of \$5.00 as a guarantee of faithful performance. In case work is not obtained the deposit will be refunded. The college is not able to assure any student of continuous employment. A careful study of the student's needs and general welfare will be made by the committee caring for student employment as each application is considered. Applications for student employment should be filed with the Executive Secretary.

Prospective students should not consider beginning a college career unless adequate financial arrangements have been made for at least the first year. A few students may find it possible to earn enough money to pay part of their expenses. It is advisable, however, for the new students to adapt themselves academically before attempting outside work.

PLACEMENT

The Admissions and Personnel Office is concerned with placement service and its facilities are available for students and prospective employers. It assists students needing to secure part-time employment while attending college and those who need to find summer work; it helps members of the graduating class who are seeking their first positions or making applications for graduate fellowships; and it gives as much assistance as possible to alumni who keep in touch with the office. The office does not undertake to find employment for anyone or to assume the responsibility for making all contacts with prospective employers. One of the most helpful services which the office is able to render to seniors and graduates is that of collecting confidential letters of recommendation from the faculty members, academic and personal data, and then making these available to employers, graduate schools, etc., to which the candidate applies. No charge is made for this service.

Employers are encouraged to use the Admissions and Personnel Office in filling positions and they are assured that their interests

as well as those of the candidates will be considered. Correspondence and personal visits are invited in regard to positions for which college trained men and women are desired and in regard to summer work which can be done by college students. Letters should be addressed to the Dean of Students or to the Recorder.

EDUCATIONAL PROGRAM

INSTRUCTION

The dominant tone in the instructional activities at Bethany College is an emphasis upon the common adventure of students and instructors in learning and living. The whole college experience is interwoven with opportunities for exchanging ideas, for giving and absorbing inspiration, and for all kinds of cordial faculty-student relationships. The student is encouraged to find and further himself in the intellectual life, and, with the help of faculty counselors, to use all of the college resources in terms of valid educational objectives.

The instructional and guidance plan of the college makes it possible to treat students as individuals with differences in experience, attitudes, and interests. During the first two years, there are frequent individual conferences for the student with his counselor on the progress in courses, projects of study undertaken, and total adjustment in academic, vocational, and social matters. During the last two years of the college experience independent work and self-propelled study are given greater consideration. In regular courses the writing of papers upon projects involving independent research and critical thinking is emphasized, and conferences upon these papers involve close discussion with instructors as to content, soundness and effectiveness of the students' work. Special problems courses for individual study may be planned for reading and research in materials not covered by the formal courses, and in the laboratories minor research is promoted. Systematic reading and independent study of all kinds during the summer as well as during the college year, are encouraged and occasionally these form part of a student's formal program.

The college strives to be a democracy of teaching and learning, in which the give-and-take of discussion between students and instructors in frequent group conferences, in individual tutorial work and in the laboratories, encourages the development of the students' judgment and critical insight. Problems are freely and concretely discussed in an atmosphere of lively criticism. The character of the college plan, a small and select student body and a relatively large faculty primarily interested in teaching and counseling, contribute to effective intellectual activity.

The Academic Council and the Dean of the Faculty give direction and supervision to the instructional program of the college.

LOWER DIVISION

The college curriculum and general plan of instruction recognize a lower division and an upper division. The lower division represents the traditional freshman and sophomore years, and the upper division the traditional junior and senior years. These divisions reflect the progression and educational growth that is expected of students as well as the differences in instructional procedure and purpose of the curriculum at the two levels.

The work of the lower division is intended to complete what is usually termed a "general education" and it represents the undergirding of the student's cultural and academic experience. It is based on the belief that the student should become familiar with different fields of knowledge and that the program of general education offered in higher institutions should be essentially a continuation, on a higher level, of academic work in the secondary school. Students are urged to elect widely in the instructional departments of the college and every major department has survey courses for the lower division students.

One of the chief objectives in the first two years is for the student to discover the field or fields of human achievement in which he possesses a marked and sustained interest combined with distinct ability. Some of the freshmen know what they want to do in college and will have valid reasons for so doing. Others have temporary enthusiasms, preferences and aversions based upon inadequate school experience. Still others, although of good intellectual ability, have no well-defined intellectual purposes or interests. Oftentimes there is need to explore the possibilities in several of the instructional departments of the college. During either the secondary school or college years such exploration is a necessary basis for the intelligent choice of a field of major work. In the selection of subjects or groups in the lower division, the student may be guided somewhat by the nature of the subjects taken in the secondary school so that by the close of the second year he will have a general acquaintance with several fields of knowledge.

In the lower division the student usually completes the prescribed courses for graduation and he may elect some course work in a major field. The courses usually elected by freshmen include a foreign

language, science or mathematics, history or political science, English, and physical education. An orientation course dealing with college adjustment and vocational selection problems is required as a part of the freshman year. A general survey examination is given at the end of the lower division work. The individual profiles from this examination are used for educational guidance. This examination is given in cooperation with the program of the Committee on Measurement and Guidance of the American Council on Education.

UPPER DIVISION

In the upper division all students work directly under the professor in charge of the major subject. The teaching procedures and materials give emphasis to individual initiative and concentrated work. As far as possible the student's work is library-and-laboratory centered. Extensive reading, problems, and seminars are regular procedures in upper division instruction. The development of an ability to form thoughtful judgments and evaluations, the "attitude of the searcher," and sustained intellectual interests, are a part of the instructional aims at this level. A comprehensive examination, oral and written, in the major subject is required near the end of the senior year.

Students are expected to select their major and minor work in departments that offer adequate courses, and in the upper division a large part of the student's program will center about this department and its allied fields. The major work should be planned as a unified and coherent whole. It should not consist of a series of unrelated courses. Course distinctions need be retained only to such an extent as may be necessary to fit the existing machinery of the college, but they are not to be made sufficiently rigorous as to interfere with the establishment of a properly unified major. The major may be confined to the work of a single department, or related departments may offer "functional majors" embracing work in two departments, if the work is planned and administered as a homogeneous unit.

COMPREHENSIVE EXAMINATION

Near the end of the senior year, as a final prerequisite to the degree, each student is required to pass a comprehensive examination—written and oral—in his major subject; an examination which

tests the accomplishments of the student in the whole range of the major. The written part of the examination is given in two days by the major department. The oral part is given at some designated time by a committee selected by the major department from the faculty of any accredited college or university. No course examinations are required at the end of the final semester unless the student is not doing satisfactory work in a course. The instructor of that course may then require the semester examination as a final evaluation.

The comprehensive examination is set and graded with the following points in mind: it shall constitute a test of the major subject as a whole and shall offer the opportunity to the student to show his powers of independent thought in that field; it shall not be a test in which the main stress is put on the memorization and repetition of facts; it shall not be a test, the passing of which is unduly difficult of attainment by students of ordinary intellectual ability who have honestly attempted the work of synthesizing the material of the major subjects; and it shall, at the same time, be a test sufficiently searching so that each student may have the opportunity of showing to what extent he may have progressed in his powers of handling material in his chosen subject.

A reading period of two weeks is set aside each year for all seniors who want to make a final review of materials before the examination dates. Candidates for degrees are expected, however, to use the entire senior year in making a review and synthesis of their major work.

STUDENT GUIDANCE

From the beginning of his college career each student has an individual faculty counselor. After the freshman year the counselor is normally a faculty member in the field in which the student is doing his major work. The student has unusual opportunities to be in frequent contact with his counselor, and reports of accomplishment and difficulties can be made directly to him. The student-counselor relationship, including in its range the student's entire personal and educational development, occupies a significant place in the college plan at Bethany. So far as possible it replaces general faculty regulations with an individualized program aiming at continuity, correlation and integration of work. These counselors, while ministering to all the needs of the student, have as their most

important function the interpretation and presentation of sound educational objectives.

The counselor is concerned with the student's selection of courses, his academic progress, standards of conduct, vocational plans and objectives, recreational and social expression. It is hoped that in personal counseling with faculty members there may be implanted in the student a vivid notion of definite and feasible goals toward which he can shape his course and an appreciation of the ideals of scholarship and character that belong to the best traditions of the academic world.

The chief officer in charge of student welfare, student guidance and the coordination of all personnel administration is the Dean of Students. His office is intended to unite all the functions and activities which relate themselves to the personal and educational development of individual students so that there may be an adequate understanding of their problems and a planned solution for the same. The Dean of Students shares in the counseling activities, giving a major part of his time to confronting and dealing with individual students and their adjustments to the college experience and to the larger society. Students may use his office and staff freely in all matters that concern their personal interests and needs as well as their educational progress and development.

The direction of policies related to student welfare, guidance and personnel administration, is undertaken by the Council on Guidance and Personnel. In some instances members and officers of the student body meet with the Council and participate in the development of policies and plans. The Council serves as a coordinating group and its membership includes college officers representing the academic, social, health, religious, residence, and adjustment phases of student personnel administration.

COOPERATIVE STUDY

With eighteen other colleges and universities Bethany College is now participating in a cooperative study of general education. This study is sponsored by the American Council on Education and is under the direction of Dr. Ralph W. Tyler and a central staff of experts of the University of Chicago. It is the purpose of this study to make a thorough evaluation of the program of the college, primarily for the first two years of collegiate work.

Professor Eliassen is the liaison officer for the Bethany faculty.

The general direction of the study at Bethany is in charge of the Academic Council.

The college is participating in other studies directed by the North Central Association of Colleges and Secondary Schools and other educational agencies.

OCCUPATIONAL PREPARATION

The predominant idea in the curriculum at Bethany College is to provide sound instruction in the liberal arts and sciences. By proper selection of courses a student can prepare himself for various vocational or professional purposes.

The faculty has authorized the Council on Guidance and Personnel to list "suggested curricula" which combine courses offered in various departments of the college for the guidance of students. These can be so planned that they meet the requirements for the baccalaureate degree and at the same time serve genuine vocational objectives. It is not intended that these should be rigid requirements but rather the careful judgment of the Council on Guidance and Personnel as to how the curriculum can serve individual students as they plan for certain post-graduate careers.

GENERAL PROGRAM

FIRST YEAR. In most cases the general requirements for the freshman year will fit into the later educational and vocational plans for students. Most freshmen should plan to enroll for courses about as follows for each semester of the first year.

English composition or literature	3 hrs.
Foreign language	3 hrs.
French, German, Spanish, Greek, Latin	
History or Political Science	3 hrs.
Orientation I I-I2	1 hr.
Physical Education	1 hr.
Electives	6 hrs. to 9 hrs.

Deviations from this program can be made with the advice and consent of the faculty counselor because each student is recognized as an individual whose training in the past and whose plans for the future may differentiate him from his fellows.

SECOND YEAR. All students are strongly urged to complete the general course requirements for graduation by the end of the second year in college. The major field must be selected by the end of the sophomore year and the foreign language requirement should be satisfied.

The graduation requirement in foreign language must be com-

pleted before the student can become a candidate for a degree. Elective courses in philosophy, literature, art appreciation and music appreciation are recommended.

SPECIAL PROGRAMS

BUSINESS ADMINISTRATION. As preparation for entering any of the occupations in the general field of business or any of the business activities of the government, commercial and regulatory, students can get broad and helpful training by taking their major work in economics and business administration. Related courses in sociology, political science, mathematics, and psychology should be elected. Students considering going into business administration or those who wish to prepare for specialized training in graduate or technical schools in this field are referred to Professor Crobaugh.

BUSINESS TRAINING FOR WOMEN. Today there are increased opportunities for women in business. These opportunities present themselves in the field of commercial teaching, retailing, purchasing, personnel administration, and various government positions requiring secretarial training. Experience has shown that a well-rounded academic education provides a background of decided advantage in business. The college has organized certain suggested programs in the liberal arts which, combined with technical instruction, prepare young women for the fields mentioned above. Young women interested in this type of education will take certain courses in economics, secretarial science, business administration, as well as courses in the liberal arts in the college. In addition to this, opportunities are offered for specialized positions, as secretarial accountant, medical secretary, legal secretary, and shorthand reporter. These latter courses are somewhat more specialized in their scope. Young women students interested in business education should consult Mrs. Lyle or Professor Hoagland.

SECRETARIAL TRAINING. Students who find it necessary may prepare for secretarial positions by completing a concentrated minimum course of two years. However, it is desirable that wherever possible students plan their course to cover a four-year period. Students are urged to consider the business training courses for women described in a preceding section. Students interested in secretarial training should consult Mrs. Lyle.

SOCIAL WORK. Fundamental preparation for entering any of the various fields of social work carried on by public and private or-

ganizations is offered in the Department of Sociology. The department offers a major that will prepare students for actual social service activities or for graduate and professional work in the field. Students interested in entering this field should consult Professor Crobaugh.

PERSONNEL ADMINISTRATION. It is recommended that those who are planning to work toward a career in the field of business or industrial personnel should major in economics and that those who will enter student personnel or guidance work in connection with educational institutions should major in some teaching subject such as history, science, or English. Courses in education, psychology, sociology, and biology can provide a good background for later study or professional work in this field. Students planning to prepare in this field should confer with Dean Kirkpatrick or Professor Eliassen.

PRE-LEGAL. Students who are preparing to enter a law school should have completed the regular college courses and obtained the Bachelor of Arts degree. Although there are usually no rigid requirements for admission to law schools, the preparation in undergraduate work should include English composition, public speaking, American and English history and psychology. It is also advisable for pre-law students to elect courses in economics and political science, but they may select their major work in departments not included in Group III. Provost Woolery is the adviser for students interested in the study of law.

PUBLIC SERVICE. In preparation for a career in public administration or government service a student will best serve his interests by acquiring a broad foundation in cultural subjects. With this as a basis he may go into specialized work, looking toward research or active participation in affairs of the state. His major should be in history and political science or economics. Students preparing for this work should consult Provost Woolery.

PRE-MEDICAL. For students who intend to study medicine the college offers courses which satisfy the entrance requirements of the best medical schools in the country. In keeping with the trend in medical education, pre-medical students are advised to select courses which not only give some preliminary background for the study of medicine, but which also contribute to a broad and liberal education. All pre-medical students are advised to complete a four-year course. For many years Bethany has been approved by the

Executive Council of the Association of American Colleges for pre-medical training. Dean Weimer is the consultant for students interested in preparation for the medical or nursing professions.

PRE-DENTAL. All dental colleges require a minimum of one-year pre-dental work in a college or university of recognized standing. An increasing number of the better dental schools require two years of pre-professional training for entrance. Students preparing for dentistry should consult Dean Weimer.

MEDICAL TECHNOLOGY. The American Society of Clinical Pathologists requires a minimum of two years college training for the Registry of Medical Technologists. Students interested in this program should take courses in general biology, bacteriology, general chemistry, organic chemistry, and English, with elective courses in mathematics, psychology, and sociology. Students entering the courses are strongly urged to select a three year program instead of the minimum of two years. Attention is further called to the fact that many hospitals require degrees before admitting the students to the Medical Technology course.

PRE-NURSING. The nursing profession today offers more opportunities to the young woman with a college background than probably ever before. Schools of nursing are placing added emphasis on broader academic training for the profession. Many schools of nursing require at least two years of college training before admission and others require three and even four years. In addition to courses in general biology, general chemistry, and vertebrate anatomy, students are urged to complete work in the fields of sociology, psychology, and English. By a proper selection of courses it is possible for students to transfer to a course in professional nursing in recognized universities offering such courses and complete their work for combined degrees in education and nursing. Students planning to enter the nursing profession should consult Dean Weimer.

PROFESSIONAL CHEMISTRY. By following a planned program of courses at Bethany College, one can prepare for a position as chemist in many governmental or industrial laboratories. For the chemist, these laboratory positions have far-reaching consequences beyond their immediate worth, since it is common practice for chemical industries to select from this group trainees for their plant operating staffs, their sales departments, and other divisions within their organizations. During the present emergency, by adopting an ac-

celerated program, an especially able student can secure enough chemistry, mathematics, and physics, to enable him to fill capably a number of chemical and technical positions in important defense industries which would normally require a four-year course of college preparation.

Training for chemical research is quite highly professionalized today, and the student who contemplates this should plan to obtain an advanced degree from some graduate school. An excellent undergraduate training is, however, a prerequisite and Bethany offers a Chemistry program which is entirely adequate for this purpose. This course of study may also be arranged to fit the convenience of students who anticipate entering the medical, dental, and closely allied professions or for those who expect to teach chemistry. Students interested in a career in which chemistry is basic should confer with Professor Dawson.

PRE-ENGINEERING. The courses in mathematics, physics, chemistry, English and economics as given in the small liberal arts college offer the pre-engineering student a good foundation in engineering with the cultural background and the more individualized instruction that is usually denied the technical student. Pre-engineering students are able to pursue a course of study at Bethany which will be acceptable for the first two years of engineering at an engineering school. The pre-engineering student should confer with Professor Allen in planning his work and in coordinating his pre-engineering program with that of the engineering school he has selected.

CHRISTIAN MINISTRY. Students who are preparing for the work of the Christian ministry in the mission field or in the church at home are urged to major in Biblical Literature. Such students will find a wide selection of courses offered in this field. Moreover, they will pursue their studies in an institution with a rich historical background of pioneering in Christian education. In addition to courses in Biblical Literature, students are urged to complete work in the fields of English, history, science, philosophy, psychology, and social science. With this background it is possible for advanced students to secure practical training in the ministry by serving as student pastors of the smaller churches around Bethany.

The college recognizes that adequate preparation for the Christian ministry today requires graduate study in an approved school of religion or divinity school. The training at Bethany will prepare the prospective ministerial student for such advanced training.

Some men on the basis of their Bethany training accept full time pastorates in smaller churches for a year or two before continuing with graduate work, but all Bethany graduates are urged to plan on graduate training at once if possible. Students interested in this field should consult Professor Booth.

JOURNALISM. A thorough education in the liberal arts is generally regarded as the best foundation for journalism. Students preparing for journalism or creative English should elect widely all courses of the department of English. Electives in political science, sociology, history, science, and economics are recommended. Students interested in journalism should confer with Professor Roberts.

EDUCATION—TRAINING OF TEACHERS. Students who are preparing for teaching in secondary schools or for guidance counseling in social or educational fields can secure professional training in the Department of Education.

STATE RECOGNITION. The Departments of Public Instruction of New York, Pennsylvania, Michigan, Illinois, Ohio, West Virginia, and several other states have placed Bethany College on the approved list of schools for the training of teachers.

HIGH SCHOOL TEACHING. Students who have chosen high school teaching as a vocation should take their major or minor work in subjects that are taught in modern high schools. It is also well to consider the current demand for teachers in various fields before deciding on teaching majors and minors. Professional requirements for teaching certificates in the various states may be met by electing proper courses. Prospective teachers are advised to consult Professor Eliassen near the close of the freshman year concerning courses necessary to meet requirements of certain states.

ELEMENTARY SCHOOL TEACHING. Students who wish to prepare for teaching at the elementary school level may select certain courses which are approved for the usual elementary certificate. The college is studying the possibility of a four-year curriculum leading to a combined elementary and secondary certificate. This experiment may be undertaken in cooperation with the State Department of Education of West Virginia. If this curriculum is not approved, students who desire an elementary certificate will need to complete certain professional requirements in an institution offering this work.

FIFTH YEAR. Students who are preparing to teach often find it difficult to secure a well rounded liberal arts background in addition

to meeting the academic and professional requirements for certification in one or more states. The Department of Education sometimes recommends that certain students who are preparing to teach should plan to spend a fifth year in studying professional courses and especially in doing student teaching.

Beginning in 1943, New York State will require a fifth year of preparation for teachers in secondary schools. Other states are contemplating a similar move.

GUIDANCE AND COUNSELING. Students wishing to prepare for guidance work in high school may do so by electing the proper courses. Members of the Department of Education, particularly Dean Kirkpatrick, should be consulted for information concerning the requirements for guidance certificates in various states.

PUBLIC SCHOOL MUSIC. Students preparing to supervise or teach music in the public schools must pass examination in piano, including the ability to read simple accompaniments at sight and the playing of a memorized composition of at least fourth grade material. They must also pass an examination in voice. Professor Carter is adviser for students interested in music.

PHYSICAL EDUCATION AND RECREATION. Students who desire to prepare for work in school or community programs of physical education and recreation should major in physical education and take supplementary work in sociology and related fields. It is possible to satisfy the requirements for certification in physical education for a teaching major or minor as prescribed for schools in certain states. Students preparing for work in the field should consult Professor Knight and others in the department.

PRE-LIBRARY SCIENCE. Professional training in Librarianship should be preceded by a broad educational background especially designed to meet the needs of the profession. Although the general entrance requirements of the accredited library schools include only a reading knowledge of French and German, some specialization in a subject field, and a certain grade average, librarians generally recognize a need for students with a broad education, a minimum of subject specialization at the under-graduate level, and special training in business administration. A four-year pre-professional program has been designed to meet the needs of prospective library school students. The program includes survey courses in the social sciences, the humanities, and the natural and physical sciences in addition to business administration and procedure, economics, psychology, and

courses in the special subject field elected by the student. Included in the program is a course entitled *Introduction to Librarianship* and laboratory work in the Library. Professor Behymer, librarian, is the adviser for students interested in Librarianship.

GRADUATE STUDY. Because of being fully accredited and on the approved list of the Association of American Colleges, graduates of Bethany College are eligible to take advanced work in the graduate school of any university. By proper selection of undergraduate courses and with adequate methods for scholarly work established, such graduates will be able to go forward in graduate study without difficulty. Those working for the master's degree should be able to complete the full requirements in the minimum time required by the specific graduate school. For example, a student who has majored in economics and business administration at Bethany with proper selection of courses, will be able to complete the requirements for the master's degree at Wharton School of Finance and Commerce of the University of Pennsylvania in one year. About the same situation applies for graduate study in any of the fields in which Bethany College offers a major. Students who are planning to do graduate study are urged to counsel carefully with the head of the Bethany department related to their proposed field of study. Only students of marked intellectual ability and industry are urged to consider graduate study.

GRADUATION AND HONORS

DEGREE REQUIREMENTS

DEGREES—Bethany College confers at graduation the degrees of Bachelor of Arts and Bachelor of Science. The fulfillment of the several specified requirements and genuine evidence of attainments in scholastic proficiency are demanded of all candidates for degrees.

REQUIREMENT OF HOURS—Candidates for either of the baccalaureate degrees are required to complete a total of 128 semester hours for graduation. Of this number forty semester hours must be in courses in the upper division; six semester hours must be in physical education, and two semester hours must represent the freshman course in orientation or its equivalent. Only twelve hours in applied music can be used toward meeting the minimum requirement.

DISTRIBUTION REQUIREMENT—Candidates for graduation are required to complete certain course work in each of the five curricular groups. The more general courses involving greater understanding and integration in each group are recommended. Fragmentary and small unit courses are not desirable. The following prescription of course requirements must be met by all candidates for baccalaureate degrees:

Freshman Orientation	2 hrs.
Group I—Languages and Literature	
English composition or literature	6 hrs.
Foreign language—	
A reading knowledge of one of the foreign languages offered at the college or approved by the Committee on Admissions. This requirement may be satisfied by the completion of the second year course in the language at the college level; or by written and oral examination given under the direction of the Department of Modern Language.	
Group II—Psychology, Philosophy, Education	
Psychology, Philosophy, or Education	6 hrs.
Physical Education, i.e. two hours in personal hygiene and four hours in activity courses	6 hrs.

Group III—Social Studies

History, Political Science, Economics, or Sociology 6 hrs.

Group IV—Science and Mathematics

Biology, Chemistry, Mathematics, or Physics 6 hrs.

Group V—Religion and Fine Arts

Biblical literature, i.e., courses in Old and New Testament 6 hrs.

Candidates for the Bachelor of Science degree must present at least forty semester hours from courses in Group IV. Of these forty semester hours, at least twenty-five of them must be in the upper division.

REQUIREMENT OF QUALITY POINTS—Quality points awarded on the basis of final grades received are required for graduation. At least 128 quality points must be earned and of these at least forty must be earned in upper division courses.

REQUIREMENT OF MAJOR—The department in which a student elects to major shall determine specific requirements for the student, not only of work to be done in the major department but certain other work to be done in other departments that must be completed to buttress the major. The general outline of requirements for each major is listed in the section of this bulletin that carries courses of instruction. With the approval of the Dean of the Faculty certain modifications can be made to meet the needs of the individual student.

It is expected that no major will include less than 24 semester hours and that at least 12 semester hours must be completed in courses definitely in the upper division. At least 24 quality points must be earned in the major field. These represent the minimum for the college. The department offering the major may require more than this minimum. In all cases the counsellor will expect the student to complete a large part of his major work in the upper division.

REQUIREMENT OF MINOR—In addition to the major each student must elect a minor subject. The professor in charge of the major subject should approve the minor selected. In most cases it should have some relationship to the major. At least 18 semester hours must be completed in the minor. A minimum of 18 quality points is required in the minor.

REQUIREMENT OF EXAMINATION—A comprehensive examina-

tion—both written and oral—is required of each candidate for a degree at Bethany College. This examination is given by a faculty committee under the direction of the professor in charge of the major subject, and it is intended to cover the total range of material and accomplishment for an undergraduate major. A student failing in the comprehensive examination shall be considered as failing to meet the requirements for graduation and shall not be graduated.

Seniors who pass the comprehensive examination with high credit shall be awarded their degrees “with distinction” in the major subject. The only other grades given are “passed” and “failed.”

Seniors who fail to pass the comprehensive examination shall upon payment of a suitable fee, be given a second opportunity only at the end of any subsequent semester, provided reasonable notice has been given to the Committee on Admissions and Classifications and the department head. Further opportunity to take this examination shall be given only by special vote of the faculty.

RESIDENCE REQUIREMENT—Four years are usually required to satisfy the requirements for the baccalaureate degree. Students of superior quality may satisfy the requirements in less time. The senior year should be spent in residence at the college.

HONORS

GRADUATION HONORS—Students who have done college work of unusual merit and have given evidence of superior academic achievement in the upper division will be graduated with honors. These are awarded with the degree as Summa Cum Laude, Magna Cum Laude, and Cum Laude. The awarding of honors is determined upon the basis of total quality points earned, standing in the comprehensive examination, and the recommendation of the professors in charge of the major and minor.

Seniors who give evidence of superior achievement in the major subject and are able to pass the comprehensive examination with excellent results will be designated as “Passed with Distinction.”

CLASS HONORS—Upper division students of the college who complete the academic work of any one year with a point average of 2.5 are recognized for “First Honors” for the year, and those who complete the academic work of any one year with a point average of 2.25 are recognized for “Second Honors” for the year. Lower divi-

sion students of the college who complete the academic work of any one year with a point average of 2.25 are recognized for "First Honors" for the year, and those who complete the academic work of any one year with a point average of 2.0 are recognized for "Second Honors" for the year.

DEANS' LIST—At the end of each semester a list of students who have ranked high in academic attainments as attested by academic point average are designated for the Deans' List. This distinction is determined by the Dean of the Faculty and the Dean of Students.

SENIOR FELLOWSHIPS—Upon careful recommendation certain members of the junior class are designated as Senior Fellows during the following year. The selection is made only of students who have attained unusual excellence in the field of their major study and who by character and ability can do special work in a major department, as an assistant in some phase of instruction or research. The Senior Fellowship carries a small stipend. Not more than six senior fellowships are awarded in any one year.

The selection of Senior Fellows is made from the nominations of department heads. It is intended that each Senior Fellow shall be given the fullest freedom to pursue the intellectual life and he shall have the benefit of tutorial instruction in the department in which he works.

GAMMA SIGMA KAPPA—This honorary scholastic fraternity was organized at Bethany College in 1932. Any student who has a quality point rating of 2.5 for five consecutive semesters and who is recommended by the faculty Committee on Honors is eligible for membership in this fraternity.

PI GAMMA MU—The West Virginia Delta Chapter of Pi Gamma Mu is located at Bethany. Its members are selected from students who have maintained a high average grade in at least twenty semester hours of social studies.

ANNA RUTH BOURNE AWARD—A cup has been given the college by an anonymous donor to be known as the Anna Ruth Bourne Scholarship cup. This award is made annually to the sorority or non-sorority group on the campus earning the highest scholarship standing each year.

PITTSBURGH COLLEGE CLUB AWARD—The Pittsburgh College Club, which comprises the college alumnæ of Pittsburgh, has set up an award which is made each year to the outstanding girl in the

junior class. This award is based on academic record, qualities of leadership, character, conduct, and general standing on the campus. The club has placed a suitable plaque in Phillips Hall on which the names of the winners are engraved. In addition, an individual award is made each year to the junior girl chosen.

GENERAL INFORMATION

RELIGIOUS LIFE

One of the expressed aims of the college is "To provide higher education in an atmosphere sympathetic to Christian ideals and Christian faith and to conserve and develop the moral character and religious life of its students." This aim is meant to bear upon instruction, counseling, and social life as well as formal religious services.

CONVOCATION—A fifty minute convocation is held each Tuesday and Thursday at eleven o'clock. Most services are devotional. Lectures by faculty members and noted visitors, drama, music and student presentations are the most frequent elements of the convocation service. Attendance is obligatory for all students. The convocation service is in no wise sectarian.

THE COLLEGE CHURCH—All students regardless of denominational affiliations are welcome as "Student Members" of the Bethany Memorial Church. One of the active organizational groups of the church is the Council on Student work through which are coordinated the various religious activities of the student body. Opportunity of personal counseling with the minister is offered. Every Sunday there is morning worship in charge of the minister. In the late afternoon there is an informal "Vesper Service" which provides devotional expression and religious stimulus. There is also opportunity to participate in student interest groups discussing topics of four to six units at various times during the year. A number of positions of leadership in the church are available to students showing interest and ability.

PRE-EASTER VESPERS—Vesper services are held in the Bethany Memorial Church late each afternoon during the week preceding Easter or Palm Sunday. Arrangements are in charge of students of the college and the Council on Student Work.

INSTRUCTION—Since its inception, the Bible has been a recognized textbook in the college and each student is asked to pursue this study for at least one year. The approach is intended to be sympathetic and constructive.

LECTURES AND CONCERTS

One of the privileges of the student body of Bethany College is that of hearing outstanding lecturers, musicians, and leaders of thought. During the current year the following people have appeared or are scheduled to appear upon the campus.

LECTURES:

Dr. Stephen J. Corey, President, College of the Bible, Transylvania University
Dr. Reinhold Schairer, lecturer, University of London
Rev. L. N. D. Wells
"Rosy" Rowswell, KDKA
Dr. Clara Sullivan, lecturer
Dr. Will Durant, philosopher
Dr. E. Stanley Jones, missionary
Dr. Henry Crane, clergyman
Rev. Eugene Beach
Dr. E. M. Patterson, professor of economics, University of Pennsylvania
Mr. George Dangerfield, historian
Major Thomas A. B. Ditton, military analyst
Captain Donald B. McMillen, explorer
Rey Scott, photographer of KUKAN
Rev. G. S. Bennett

MUSICAL:

Professor Hugh Hodgson, pianist, University of Georgia
Mr. Charles Taylor, tenor
Mr. Raymond Koch, baritone, and Miss Helen Bickerton, soprano
Mr. Fred Hufsmith, tenor, and Miss Muriel Wilson, soprano
Mr. James de la Fuente, violinist
Fiske Jubilee Singers
Mr. Edward Stoeckel, music director, Oglebay Institute

DRAMATIC:

Marionette Guild
Miss Mary Waterstreet, monologist

SPECIAL DAYS

SCHOLARS' DAY—Each year a special convocation is held for the recognition of outstanding academic achievement by individual students and student groups. The program is under the direction of the Dean of the Faculty.

HOMECOMING DAYS—One of the most important dates in mid-autumn is designated as fall home-coming day. This usually occurs on a Saturday. Athletic events in the afternoon, evening social group meetings, and the fall homecoming dance constitute the program. An early spring homecoming is held during March. At this time many alumni and former students return for fraternity and sorority initiations. A special program is arranged for their entertainment.

MOTHER'S DAY—This day is looked forward to by the student body because of the beauty and character of the occasion. An informal reception at the President's home is a pleasant feature of the day.

PLAY DAY FOR HIGH SCHOOL GIRLS—On a Saturday in the late spring the Department of Physical Education for Women invites girls from many nearby high schools to a Play Day. Girls are divided into teams after their arrival, and many events are planned for their enjoyment.

VOCATIONAL CONFERENCE—A weekend program is planned for the young women of the college. At this time women leaders in various vocations are brought to the campus for conference with the women students on vocational problems and possibilities. This activity is under the direction of Miss Carrigan, assisted by the Association of Women Students.

STUDENT ACTIVITIES

STUDENT BOARD OF GOVERNORS—As a means of governing and directing student interest and student activities, the Student Board of Governors is maintained by the student body as a legislative and executive body. Matters pertaining to athletics, debating, student publications, social affairs, and general student interests are given attention. The major part of the activity fee is used by this Board for the various student organizations. The Board cooperates with the college administration in building an intelligent appreciation of social responsibility in college community life.

ATHLETICS—In order to supplement the courses in physical education which are required of all freshmen and sophomores who are found upon examination to be physically able to carry the work, Bethany College maintains intramural and intercollegiate teams in many sports. All athletics and physical recreation are under the supervision of the Athletic Board of Control, which is made up of the faculty committee on athletics, appointed by the president of the college, and four members of the student body. The student members of this committee are chosen, one from each of the three upper classes in the college, and one from the Women's Athletic Association, each group selecting its own representative.

Bethany has taken a position of leadership among tri-state colleges by its established athletic policy, which eliminates all professionalism from its program. Intercollegiate competition in football, basketball, tennis, cross-country, track and field continues. An intramural program has been developed in order to provide opportunity for all to participate in some form of athletic endeavor. Sports which are provided for on the intramural program are soccer, volleyball, swimming, archery, tennis, softball, handball, hockey, basketball, and touch football.

Students participating in intramural and intercollegiate athletics do so at their own risk. While the college assumes no responsibility for accidents or injuries of any kind, experienced coaches are provided and every precaution is taken to avoid hazards. Students are expected to have a complete physical examination each season.

ASSOCIATION OF WOMEN STUDENTS—This Association, of which every woman student is automatically a member upon her entrance into college, has as its main purpose the building of larger and wider life attitudes through giving the college woman a fuller opportunity for experience in leadership and for sharing with the college the responsibility for her conduct.

WOMEN'S ATHLETIC ASSOCIATION—The Women's Athletic Association encourages and fosters the participation of all women of the college in swimming, the dance, and many different sports and games. The sport leaders make up the Athletic Board of the W. A. A. A point system is in effect by which girls may earn the letter "B" and a sweater. At the annual W. A. A. Banquet, three loving cups are awarded, one each to the winner of the archery, tennis, and swimming meets.

STUDENT PUBLICATION—Under the management of the Student

Board of Publications the students publish the *Bethanian*, issued at spaced intervals in magazine form to be compiled throughout the year into a final yearbook form. The student fee covers the cost of this publication and so every student is entitled to a copy of each issue.

MINISTERIAL ASSOCIATION—This association is made up of the young men of the student body who are preparing for the work of the Christian ministry. This group of students holds a prominent place in the life of the college. Fortnightly meetings are held, at which vital problems relating to the ministry and the churches are discussed.

Y.W.C.A.—Membership in the Young Women's Christian Association is open to all women students. This organization strives to serve religious, aesthetic, and social needs by conducting regular worship services, entertaining guest speakers from various fields, and sponsoring discussion groups concerning campus and personal problems. One of the projects of the organization is the maintenance of the Dagney Andersen Memorial Library in Phillips Hall.

CLUBS AND SOCIETIES—Several active clubs and societies are sponsored by various departments in the college. The work of the French Club, the Sociology Club, the Science Club, the Education Club, the Writers' Club, the German Club, and the International Relations Club have been most notable. Papers dealing with interesting topics are presented by students and faculty members.

FRATERNITIES—Several of the strong Greek letter fraternities have chapters at Bethany. The fraternities for men are: Beta Theta Pi, Sigma Nu, Phi Kappa Tau, Kappa Alpha, and Alpha Kappa Pi. The sororities for women are: Alpha Xi Delta, Zeta Tau Alpha, Kappa Delta, and Phi Mu. All have national affiliation.

MUSIC AND DRAMATICS

COLLEGE CHOIR—This mixed chorus of thirty-six voices sings each Sunday morning at Bethany Memorial Church, and gives special programs, in and away from Bethany, including oratoria, cantata and miscellaneous works. Membership is open to all students accepted by the director.

COLLEGE ORCHESTRA—This musical organization is made up of students who have proficiency on orchestral instruments. Admission is gained by satisfactorily passing an individual examination given

by the director. Several concerts are given during the year, and music is furnished for some of the dramatic performances.

COLLEGE BAND—The college band is open to all students who show by individual examination a sufficient mastery of their instrument for the type of music to be played. This organization plays for many public occasions throughout the year.

DRAMATICS—The program of drama enjoys prominent place in the life of the college. Two clubs constitute the nuclei of play production: The Bethespian of open membership; and a chapter of the national dramatic fraternity, Alpha Psi Omega, in which students may become members by meeting the national requirements. Departmental clubs at times present plays and the choir collaborates in joint productions with the Bethespians.

ACADEMIC INFORMATION

STUDENT SCHOLARSHIP—The average size of the classes as organized enables the instructors to give each student individual attention; in many cases classes are divided into several sections to secure this result. At stated times students whose work in any department is unsatisfactory are reported to the Admissions and Personnel Office by the instructor in charge of the work in question. A careful effort is made in each case to discover the cause of the trouble, and by giving encouragement, admonition, advice, or assistance, as appears to be needed, to put the student in the way of successfully carrying out his work.

CLASSIFICATION OF STUDENTS—The classification of students is determined at the beginning of each year according to the following plan: For sophomore rank a student must have at least twenty-five hours of academic credit and twenty-five quality points. Admission to the upper division or full junior standing is conditioned upon the student having at least sixty hours of academic credit, sixty quality points, freshman orientation completed, and he must have passed the sophomore general examination. For senior class rank the student must have at least ninety-four hours of academic credit and ninety-four quality points, and have completed all prescribed courses for graduation.

No student is considered as a candidate for the baccalaureate degree until granted senior classification.

THE GRADING SYSTEM—The class standing of a student in any

course pursued is reported by the use of letters. The meaning of letters used may be given as follows:

- A—Excellent. The letter A is used to denote work of unusual merit. This grade carries three quality points for each hour of credit.
- B—Good. This letter is used to show appreciation and grasp of the subject that is distinctly above the average and very satisfactory. This grade carries two quality points for each hour of credit.
- C—Average. This letter signifies the grade of work done by an average student. It is expected that between fifty and sixty percent of grades given will be C. This grade carries one quality point for each hour of credit.
- D—Inferior. This letter denotes work below the average. It shows a lack of application or of ability to grasp the subject. This grade carries no quality points.
- con.—This abbreviation denotes conditional failure. The student is granted the privilege of taking an examination to remove the condition, or, in case of a continuous course, it may be automatically removed by the student making a grade of C or better the following semester. Failure to do so within the following semester will result in the grade being changed to F. Regardless of the manner of removing the condition no higher grade than D will be allowed.
- inc.—The abbreviation inc. denotes uncompleted work as a result of sickness or some other justifiable reason. An incomplete mark should be removed by the end of the fourth week of the following semester, unless an extension of time is granted. It is not possible for a student to remove an incomplete mark after twelve months.
- F—Failure. The letter F denotes work that is definitely unsatisfactory and the course not passed.
- W—Withdrawn. The letter W denotes uncompleted work as a result of withdrawal from the college.

A report of the scholastic standing of students is received at the office of Admissions and Personnel at the mid-semester time in addition to the final semester reports. These reports are sent to the faculty counselor of each student and to parents or guardian.

PROBATION—The term "on probation" is applied to students

who are continued in college after having failed to satisfy academic requirements to a proper degree, or who, by reason of deportment, do not meet the standards expected by faculty and administration.

A student shall be placed on probation for one semester if in the semester preceding he has failed to pass in nine hours of regular college work *and* earn at least six quality points. He shall be continued on probation until the end of that semester. If he passes in twelve hours of college work *and* earns twelve quality points in the semester, he may be removed from probation.

If he fails to pass twelve hours *and* earn twelve quality points, he can not be continued except by action of the Committee on Admissions and the recommendation of his faculty counselor. It is understood that one semester on probation is to be the limit and that it is not the intention of the faculty to have students continue in college if they do not do satisfactory academic work. Only in unusual cases will a student be continued if he fails to meet the requirement set for probation students.

A student who fails to pass in less than six hours of academic work in any one semester can not be continued into the next semester. In case of unusual circumstances the Committee on Admissions may grant permission for the student to continue one semester on probation or to be continued as an unclassified student.

During the period of probation a student may be limited in his academic schedule, in participation in extra-curricular activities, or in social life. Such limitation may be imposed by his faculty counselor or by any proper officer of administration. The determination of actual eligibility to participate in intercollegiate or extra-curricular activities shall rest with the counselor and the Committee on Admissions and Classifications.

PROVISIONAL ENROLLMENT—The term "provisional enrollment" is applied to the status of students who are permitted to enroll for a provisional period of two weeks pending the receipt of secondary school record, the payment of the required amount on account, or pending the fulfillment of any other proper requirement of the administration. This is intended to cover the cases with which the Deans, the Committee on Admissions and Classifications, or the Bursar have to deal.

PENALTY FOR LATE REGISTRATION—Students in attendance during any semester must register on the opening day of the following semester, if they desire to continue their work. For the first three

days two dollars is charged for each day of delay in registration and class absences will be counted against the student for all days missed. This rule does not relate to students entering for their first semester.

STUDENT'S SCHEDULE—A student ordinarily carries fifteen or sixteen credit hours of academic work each semester but it is possible for a student to carry additional credit hours with the permission of his counselor and the Committee on Admissions and Classifications. It is ordinarily expected that no student will carry more than nineteen credit hours in any one semester.

Courses should not be changed or dropped except within the first week at the start of any one semester. In special cases a change can be made in courses or schedule with the consent of the instructors concerned, the student's counselor, and either the Dean of the Faculty or the Dean of Students. After the first week it is possible for a student to drop a course only if the counselor and the Deans feel that the best interests of the student will be served by such procedure. Students are not permitted to drop any course without adequate reason and approval.

CLASS ABSENCES—Students are expected to attend all class or laboratory meetings of a course and to participate in any outside activities which are a part of the course. The final decision as to approving absences which may be required because of illness or urgent matters of any kind is in the hands of the instructors concerned. Proper penalties or requirements may be imposed by any instructor for absences of any kind. In most cases class attendance is essential if the student is to get the greatest profit.

Students of superior ability and achievement are often allowed much freedom in the matter of class attendance and specific requirements.

WITHDRAWAL—An honorable discharge will be granted to any student who is in good academic standing and is not subject to discipline, who may desire to withdraw from the college, if he has satisfied his counselor and a responsible officer of the college that there is a reason sufficiently potent to justify such action. Students asking to withdraw should present such a request to the counselor with a written statement of approval from parent or guardian.

FINAL EXAMINATIONS—All students are required to take the examinations that come during the last week of each semester. Those who show by class work and examination that they are en-

titled to a grade D or above are passed. The seniors are required only to take the comprehensive examination in the final semester if their academic work in all courses is satisfactory.

SPECIAL EXAMINATIONS—A student who has been marked conditional in his course at the end of a semester may, with the consent of the instructor, be given an opportunity to take a second examination on the payment of a fee of \$1.00. When a student is justifiably absent from a final examination he may have a special test upon the payment of a fee of \$2.00. Fees for special examinations must be paid at the office of the Bursar before the examinations are taken. The Bursar's receipt must be presented to the instructor at the time of the examination and delivered by the instructor to the Recorder together with the grade given the student.

REPORT OF STUDENT'S PROGRESS—At any time parents or guardians are free to request further information concerning the development, ability, and progress of a student. Requests should be made to the Dean of Students or the Recorder.

ADVANCED ENROLLMENT—All students of the college are obliged to fill out advance enrollment blanks indicating the courses of study planned for the coming year. In the case of freshmen, these courses are selected under the direction of the freshman counselors. In the case of students who have selected a major, the professor in charge of the department elected will counsel regarding the student's curriculum.

TRANSFER OF RECORDS—Students wishing to transfer from Bethany College to another institution should request the Admissions and Personnel Office to send an official transcript of record and notice of honorable dismissal, giving notice of at least one week. One transcript is furnished for each student without charge; for each additional record a fee of one dollar is charged; this fee to be sent to the office with the request. All financial obligations to the college must be paid before a transcript can be issued.

FRATERNITY AND SORORITY INITIATION—Students shall not be initiated into any fraternity or sorority until they have satisfied the entrance requirements of the college, have fifteen hours of resident collegiate work credited on the college books, and have earned at least fifteen resident quality points.

JUNIOR YEAR ABROAD—Specially qualified students may substitute for the work of the junior year in the college a year of study in France or in Germany, under the supervision of the Foreign

Study Plan of the University of Delaware. To be eligible for the junior year abroad, the student ordinarily must have an average grade of B or over in the work of the first three semesters. Each application must be approved by the Dean of the Faculty and the department concerned. Any student who may wish to avail himself of this opportunity must present the request in writing to the Committee on Admissions and Classifications before the end of the semester of his sophomore year. This plan has been suspended due to the war in Europe but it is hoped that it may be resumed in peace times.

STUDENT HEALTH

MEDICAL AND PHYSICAL EXAMINATION—A medical and physical examination of every new student is made during the first weeks of the college year by the college physician. It is strongly recommended that all students be examined at least once each year by the family physician and dentist. All students are urged to be vaccinated and to have tuberculin and blood tests either at home or at the college dispensary.

PHYSICAL EDUCATION—All freshman and sophomore students are expected to take the recreational course in physical education and, in either the freshman or the sophomore year, a course of lectures in personal hygiene. An elementary course in mental hygiene is offered as an elective in the Department of Education. These courses carry regular college credit.

SICKNESS—Each student is expected to report to the college dispensary in case of sickness of any kind. In the case of contagious or infectious disease, students will be expected to give absolute observance to any regulations which might be prescribed by the college officers or the county health officials.

The college physician is at the dispensary each afternoon for consultation, examination, or treatment. Students are urged to report all injuries, diseases, or untoward symptoms, no matter how trivial they may seem. No extensive medical or surgical procedures are carried out at the dispensary but all minor injuries will be cared for, and some medicines will be supplied. Arrangements can be made for vaccinations, cold serums, and special treatment. The college physician is available for consultation and professional service only at the dispensary. The dispensary hours are: 9:45 A.M. to 11:30 A.M., 3:45 P.M. to 5:15 P.M.

Students are free, however, to employ a physician of their own choice in any case of illness. Other well trained physicians also are available in Wellsburg and Wheeling.

INFIRMARY—A small infirmary, in charge of the college nurse, is maintained at Phillips Hall. It includes two small wards and a medicine room. The infirmary is not open for dispensary service, diagnosis or treatment, and the services of the college physician are not available there without charge. It is intended only for bed-patients. The college nurse is in charge of the infirmary and is available at all hours for emergencies, but she is not subject to call for minor matters, dispensary service, or any services that can be cared for at the college dispensary during regular office hours. In case of need each student is entitled to three days of care in the infirmary with no additional charge. For periods in excess of this time a nominal charge of \$1.00 per day is made. Students not boarding in college dining halls will be charged \$1.00 per day for board during the period of hospitalization.

SOCIAL REGULATIONS

STUDENT RESIDENCE—No student in any college year shall be permitted to reside or board in any place which has not been listed as approved. Fraternity and sorority houses, private dwellings, and dormitory rooms where students are living, must at all times be open for inspection and appraisal as to influences and conditions relating to morals, health, and social culture. All freshmen are required to live in the college dormitories through the entire first year.

SOCIAL LIFE—The men and women of the college meet under conditions intended to provide a pleasant and wholesome social life. A reasonable amount of social recreation is encouraged, though such diversion is restricted within limits considered most favorable to the welfare of the students. It is understood and expected that all students will observe the usual social conventions and individual students will be governed by discretion and regard for propriety, without the existence of minute and specific rules.

The women of the college live either in Phillips Hall, Helwig House, Gateway Hall or in sorority houses. Each is presided over by a house hostess or a faculty resident who is held answerable for the observance of good deportment of the undergraduate women in her respective house. The Academic Adviser for Women is in

charge of the general supervision of the college women, with the direct responsibility for regulation of social life, residence and social privileges, etc., in charge of the Head of Residence for Women.

The dormitory for men affords at once a home for residents therein, and a center for the activities of the men of the college. Fraternity houses offer shelter and social life for some of the upper-classmen.

All student organizations are required to obtain permission from the Head of Residence for Women before giving an entertainment or function of any kind either on or off the campus. A social calendar is kept in her office in which all public functions must be registered in advance.

STUDENT CONDUCT—In the administration of college regulations it is the policy of the administration to be guided in the treatment of the individual cases largely by the recommendation of the student's counselor and by the general attitude of the student toward the college, i.e., whether or not he has proved himself a creditable member of the college community, as shown by regularity in attendance, promptness in the fulfillment of his obligations, earnestness in his endeavors to profit by the college opportunities, and in consideration of high standards in social and moral conduct.

The whole record of each student will be looked into at the end of each semester with reference to his conduct in the community as well as his academic attainments. If the student's conduct has been unsatisfactory and is likely to remain so, the administration will consider whether the student is justifying his candidacy for a college degree. Students who do not show promise of accomplishment will not be allowed to continue. It is expected that a student who earns credits at Bethany College must satisfy the faculty as to uprightness of character as well as accomplishments in scholarship.

It is earnestly desired that undergraduates may be influenced to good conduct and good scholarship by higher motives than fear of punishment. The sense of duty and honor, the courtesy and generous feeling natural to young men and women engaged in liberal pursuits, are appealed to as the best regulators of conduct. It is the policy of the college administration and faculty to allow in all things as much liberty as will not be abused, and the students are invited and expected to cooperate with the faculty and college officers. Students are answerable for their conduct during vacation no less than in term time.

There is no need for students to maintain automobiles in Bethany and they have proved a detriment to scholarship and a temptation to waste much time. The maintenance of an automobile or motorcycle in Bethany or vicinity without the permission of the college faculty is positively forbidden.

CHANGES IN REGULATION COVERING COURSES OF STUDY, DEGREES, DISCIPLINE, ETC.—The college administration reserves the right to amend the regulations covering the granting of degrees, the courses of study, and the conduct of students. Membership in Bethany College and the receiving of a degree are privileges, not rights. The college reserves the right, and the student concedes to the college the right, to require the withdrawal of any student at any time without explanation or trial.

THE SUMMER TERM

For the duration of the war the college will conduct a summer term as an integral part of the college program. Course offerings will be arranged so that they will fit in with the total program of the student. These courses will be taught by the regular teaching staff of the college. Freshmen may enter and begin their college course in the summer term with the same facility as in September.

The summer term will be organized on the plan of two six weeks periods. Course will be planned so that units can be completed at the end of each six weeks. For example, in the summer term it will be possible for a student to complete two semester courses carrying credit of six semester hours each, or to complete four courses of three semester hours credit each. The regular program of study will be supplemented with the usual extra-curricular activities. The student health service will function as usual. There will be a well planned social and physical recreational program. The geographical location of the college with its large acreage of woodland with nature trails for hiking and picnicking and bridle paths for horseback riding, together with the large playing fields, gives the college unusual facilities for the summer program.

During the summer session room and board will be available for men and women students in the college dormitories and dining halls. All students enrolled in the summer term except those living at home, are expected to board at college dining halls and to room in a college residence hall.

DATE OF THE SUMMER SESSION.

First term, June 16th-July 25th, 1942

Second term, July 27th-September 4th, 1942

ESTIMATED EXPENSES.

Tuition (\$10 per semester hour)

12 weeks \$100.00

6 weeks 50.00

Health and Matriculation, and Student Activities Fees

12 weeks 12.00

6 weeks 7.00

Room

12 weeks 40.00-55.00

6 weeks 20.00-27.50

Board (\$6.50 per week)

12 weeks\$ 75.00

6 weeks 39.00

Laboratory and Special Fees

(See college catalogue)

Total Required Fees for Men and Women

12 weeks 230.00- 245.00

6 weeks 116.00- 123.50

STUDENT AID. Scholarships and student employment will be available to students under the usual semester basis.

Information regarding the summer term may be obtained by writing to the Director of Admissions.

DEPARTMENTS OF INSTRUCTION

Group I—Languages and Literature

- | | |
|-------------|----------------------|
| 1. Classics | Journalism |
| Greek | Speech and Dramatics |
| Latin | 3. Modern Languages |
| 2. English | French |
| Composition | German |
| Literature | Spanish |

Group II—Psychology, Philosophy and Education

- | | |
|------------------------------|-----------------------|
| 1. Education | Philosophy |
| 2. Psychology and Philosophy | 3. Physical Education |
| Psychology | |

Group III—Social Studies

- | | |
|--|-------------------------|
| 1. Economics and Business Administration | Political Science |
| 2. History and Political Science | 3. Library Science |
| European History | 4. Secretarial Training |
| American History | 5. Sociology |

Group IV—Science and Mathematics

- | | |
|--------------------------|----------------------------|
| 1. Biology | 4. Mathematics and Physics |
| 2. Chemistry | Mathematics |
| 3. Geography and Geology | Physics |

Group V—Religion and Fine Arts

- | | |
|------------------------|--------------------------|
| 1. Art Appreciation | Church History |
| 2. Biblical Literature | 3. Music |
| Old Testament | Literature and Theory of |
| New Testament | Music |
| Homiletics | Applied Music |

EXPLANATORY NOTES

Courses of instruction are listed by departments. The various departments are arranged according to groups of related departments.

In numbering of courses first semester courses have odd numbers and second semester courses, even numbers. A course having both an odd and even number, as 11-12, runs continuously throughout the year, but may be elected for either semester unless the course is specifically designated "A continuous course," providing the proper prerequisites are met. In registering for a course through the year, the odd number is used the first semester, and the even, the second semester.

In connection with the accelerated program, certain courses in various departments will be offered during the summer term. The exact courses to be offered in the summer term of 1942 and 1943 will be announced in special bulletin.

The number in parenthesis after the name of the course indicates the academic credit given for each semester. The names of the instructors follow the description of the course.

The curriculum of the college recognizes the lower and upper divisions in the arrangement of courses and the numbers of each course. The lower division covers, roughly, the freshman and sophomore years and the upper division, the junior and senior years. Courses in the lower division are numbered from 11 to 49, and in the upper division from 50 to 100.

A course may not be offered, if elected by less than five students.

FRESHMAN ORIENTATION

11. COLLEGE PROBLEMS. (1 hr.)

Lectures and readings related to the adjustment of the student to the college experience. Methods of intelligent self-directed study; development of social personality; use of books and college resources. Required of all freshmen.

Mr. Barlow and others

12. VOCATIONAL ORIENTATION. (1 hr.)

Survey of certain broad occupational fields; aimed toward a better understanding of the world of work and the opportunities in it. Methods for self-appraisal and self-guidance; papers and required readings on occupational information. Required of all freshmen.

Mr. Barlow and others

GROUP I—LANGUAGE AND LITERATURE

CLASSICS

F. R. GAY, HEAD OF THE DEPARTMENT

AIMS:

To develop the ability (a) to read classical Greek and Latin literature with some degree of fluency and appreciation; (b) to understand the influence of Greek and Latin on modern thought and expression; (c) to prepare students for the teaching of Latin, ministerial students for the study of the New Testament; and (d) to provide background materials for the student who is interested in linguistics or archaeology.

REQUIREMENT FOR MAJOR:

Twenty-four hours in the department with a sequence of twenty hours in either Greek or Latin. Each major student must undertake some minor research in either Greek or Latin in the problems course (Classics 91-92). Students who expect to teach Latin will find Greek very important in their undergraduate courses and practically indispensable for any graduate study of this language. History 65, English 33-34, English 53-54, Philosophy 61-62, and Art Appreciation 31-32 are strongly recommended for all students majoring in this department.

REQUIREMENT FOR MINOR:

Eighteen hours are required for a minor. The sequence of courses must be approved by the head of the department. History 65 is recommended.

GREEK

31-32. ELEMENTARY. (3 hrs.)

The essentials of Attic Greek grammar, and the reading of selections from classical Greek literature. A continuous course. Alternates with Latin 31-32.

Mr. Gay

51. XENOPHON. (3 hrs.)

The *Anabasis*. Prerequisite, Greek 31-32. Alternates with Greek 53. Not offered in 1942-43.

Mr. Gay

52. PLATO. (3 hrs.)

Apology and *Crito*. Prerequisite, Greek 31-32. Alternates with Greek 54. Not offered in 1942-43.

Mr. Gay

53-54. GREEK TRAGEDY. (3 hrs.)

Selected tragedies of Aeschylus, Sophocles, and Euripides. Prerequisite, Greek 31-32. Alternates with Greek 51-52.

Mr. Gay

73-74. NEW TESTAMENT GREEK. (3 hrs.)

The Gospel of Luke and the grammar of the Greek New Testament. In the second semester some Pauline Epistles will be studied. Prerequisite, Greek 52 or 54.

Mr. Green

LATIN

31-32. VERGIL'S AENEID. (3 hrs.)

Prerequisite, two units of Latin from a secondary school. A continuous course.

Mr. Gay

51. CICERO'S DE AMICITIA AND DE SENECTUTE. (3 hrs.)

Prerequisite, Latin 31-32 or equivalent. Alternates with Latin 53. Not offered in 1942-43.

Mr. Gay

52. TACITUS. (3 hrs.)

Germania and *Agricola*. Prerequisite, Latin 51. Alternates with Latin 54. Not offered in 1942-43.

Mr. Gay

53. CICERO'S LETTERS. (3 hrs.)

A number of Cicero's letters will be read showing Cicero's tastes and relation to personal and literary friends. Prerequisite, Latin 31-32. Alternates with Latin 51.

Mr. Gay

54. HORACE. (3 hrs.)

Odes and *Epodes*. Prerequisite, Latin 31-32. Alternates with Latin 52.

Mr. Gay

61. LIVY. (3 hrs.)

Large portions of books XXI and XXII will be read with particular attention to Livy's qualities as an historian. Prerequisite, Latin 51-52 or 53-54.

Mr. Gay

62. PLAUTUS AND TERENCE. (3 hrs.)

The *Menaechmi* of Plautus and the *Phormio* of Terence will be critically studied. Prerequisite, Latin 61.

Mr. Gay

63-64. LATIN COMPOSITION. (2 hrs.)

A thorough review of forms and syntax. A course in the writing of Latin especially intended for students who expect to teach the subject. Prerequisite, Latin 51-52 or 53-54.

Mr. Gay

85. TEACHING OF LATIN. (2 hrs.)

Special methods in the teaching of Latin. Intended for those who are preparing to teach. Open only to students majoring or minoring in the subject.

Mr. Gay

91-92. PROBLEMS IN CLASSICS.

Subjects, hours, and credits for special study in the classics to be arranged individually with the instructor.

Mr. Gay

ENGLISH

FLORENCE M. HOAGLAND, HEAD OF THE DEPARTMENT

E. E. ROBERTS, PROFESSOR

MARGARET CARRIGAN, INSTRUCTOR

————— Instructor

AIMS:

Instruction in this department is intended (a) to prepare all students for a more intelligent and appreciative reading of the materials in all branches of knowledge; (b) to furnish students with a comprehensive knowledge of the English language and literature in preparation for creative writing, graduate study, or as a cultural discipline; (c) to provide background and some technical training for students preparing for professional writing or journalism, and (d) to train students to speak effectively in public.

REQUIREMENT FOR MAJOR:

I. Sequence of courses for students who plan to teach English, to prepare for graduate study, or to acquire a comprehensive knowledge of the English language and literature: English 31-32; two of the following: English 55-56, 57-58, 59-60, 61-62, 65-66. A minimum of twenty-four hours in literature courses is required for a major.

II. Sequence of courses for students who plan to prepare for journalism or professional writing; for graduate study or teaching in journalism: Journalism 53-54 and twelve semester hours in journalism courses. English 31-32 must be included and one of the required period courses in literature or English 57-58. A minimum of twenty-four hours is required for a major.

REQUIREMENT FOR MINOR:

For students electing a minor under sequence I, at least eighteen hours in the division of literature of which six must be in the upper division. English 31-32 must be included.

For students electing a minor under sequence II, at least twelve hours in the division of journalism. English 31-32 must be included.

For students electing a minor in Speech and Dramatics, at least eighteen hours in the division. English 31-32 and English 57-58 are recommended.

COMPOSITION

11-12. COMPOSITION AND READING. (3 hrs.)

During the first semester emphasis is placed on fundamentals of composition with writing in various forms. The first three weeks will be partly devoted to a review of the principles of grammar necessary for the successful continuation of the course. After this period of study, all freshmen are given a grammar test; students who make scores indicating a need for further instruction in the fundamentals of grammar will add to their schedule a two-hour laboratory period each week, during which intensive work in the basic essentials of good writing will be carried on.

In the second semester greater emphasis is placed on content and style in composition, and instruction in the technique of preparing a research paper is given. Reading and discussion of a selected list of books and the study of vocabulary are carried on in both semesters.

Mr. Roberts and Mr. ———

Laboratory: No credit is offered for this period, but attendance and fulfillment of all assignments are required of students assigned to the course. Failure to comply will result in a withholding of credit for English 11. The laboratory is also open to any student in the college who desires further training in the fundamentals of composition, with the permission of the laboratory instructor.

Mr. ———

Note: English 11 will be repeated in the second semester.

Mr. ———

13-14. COMPOSITION AND LITERATURE. (3 hrs.)

Emphasis on content, diction, and style in composition. Appreciative study of literature. Consideration of research papers and bibliography. Prerequisite, superior rank in English placement test for freshmen. Not open to students who have completed English 11-12.

Miss Hoagland

LITERATURE

31-32. ENGLISH LITERATURE AND ITS BACKGROUND. (3 hrs.)

A study of the masterpieces of English poetry and prose, together with specimens of foreign works by which they have been influenced. The aim is to develop a critical appreciation of various literary art forms and an understanding of English literature in its continuity.

Miss Carrigan

33-34. GREEK MYTHOLOGY IN ENGLISH LITERATURE. (1 hr.)

No knowledge of the ancient languages is required. The purpose of the course is to furnish a background of classical mythology necessary for the interpretation of the English poets.

Mr. Gay

51. AMERICAN LITERATURE TO 1860. (3 hrs.)

A survey of American literature as an aspect of American culture, as a development of thought in America, and in relation to the life and literature of the Western World. Special emphasis on Irving, Poe, Hawthorne, and Emerson. Offered in alternate years.

Mr. Gay

52. AMERICAN LITERATURE FROM 1860 TO 1900. (3 hrs.)

A survey course with emphasis upon the New England writers, and upon Whitman, Howells, and Mark Twain. Offered in alternate years.

Mr. Gay

53. EUROPEAN LITERATURE. (3 hrs.)

A reading of some of the most important masterpieces of Greek and Roman literature in translation, with a comparison of authors and ideas, and with reference to influences on modern thought. Prerequisite, six semester hours in English literature. Alternates with Philosophy 61.

Mr. Gay

54. EUROPEAN LITERATURE. (3 hrs.)

A reading of some of the most important masterpieces of European literature in the middle ages, the renaissance, and modern times (to the twentieth century). The comparative method is used as in English 53, with emphasis on influences. Prerequisite, six semester hours in English literature. Alternates with Philosophy 62.

Mr. Gay

55. GROWTH AND STRUCTURE OF THE ENGLISH LANGUAGE. (3 hrs.)

The course will deal historically with the language, its early grammar, its foreign borrowings. Readings from the poetry and prose of the Old English period. With English 56 this is one of the period courses. Not offered in 1942-43.

Miss Hoagland

56. CHAUCER AND MIDDLE ENGLISH. (3 hrs.)

Study of the *Canterbury Tales* and some of the minor poems which reveal the development of Chaucer's skill. The texts will also be used for a study of Middle English historically considered. With English 55 this is one of the period courses. Not offered in 1942-43.

Miss Hoagland

57-58. SHAKESPEARE. (3 hrs.)

Principal plays of Shakespeare. Four plays will be studied closely each semester; nine or ten others will be read more rapidly.

Miss Hoagland

59. THE RENAISSANCE. (3 hrs.)

Non-dramatic literature of the English Renaissance will be studied, special emphasis on Spenser. With English 60 this is one of the period courses. Prerequisite, English 31-32. Alternates with English 65. Not offered in 1942-43.

Miss Carrigan

60. THE SEVENTEENTH CENTURY. (3 hrs.)

From Donne and the metaphysical poets through the age of Dryden. Prose and poetry will be studied with special emphasis on Milton. With English 59 this is one of the period courses. Prerequisite, English 31-32. Alternates with English 66. Not offered in 1942-43.

Miss Carrigan

61. THE EIGHTEENTH CENTURY. (3 hrs.)

Interpretation of the literature and social life of the eighteenth century. Emphasis on Defoe, Steele and Addison, Pope, Swift; Johnson and his circle. With English 62 this is one of the period courses. Alternates with English 63.

Miss Hoagland

62. THE EIGHTEENTH CENTURY. (3 hrs.)

Drama: Congreve through Sheridan. Poetry: Collins and Gray through Blake. Novels: Selected from Defoe, Richardson, Fielding, Sterne, and Jane Austen. With English 61 this is one of the period courses. Alternates with English 70.

Miss Hoagland

63. THE ROMANTIC PERIOD. (3 hrs.)

The poetry of the romantic movement from 1785 to 1832. Emphasis on Coleridge, Wordsworth, Byron, Shelley, and Keats. Prerequisite, English 31-32. Alternates with English 61. Not offered in 1942-43.

Miss Hoagland

65-66. VICTORIAN LITERATURE. (3 hrs.)

The poetry and prose of the Victorian age with emphasis on Carlyle, Browning, and Tennyson in the first semester. A study of Arnold, Morris, Swinburne, and Hardy in the second semester. One of the period courses. Prerequisite, English 31-32. Alternates with English 59-60.

Miss Carrigan

70. CONTEMPORARY LITERATURE. (3 hrs.)

Poetry, novel, and drama. Drama from Ibsen to Odets; poetry from Bridges to MacLeish; novel from James to Cather. Prerequisite, six semester hours in English literature, or permission of the instructor. Alternates with English 62. Not offered in 1942-43.

Miss Hoagland

86. TEACHING OF ENGLISH. (2 hrs.)

The aims, methods, and materials of teaching English in secondary schools. Open to upperclassmen who expect to teach English. It is urged that this course be taken in the junior year, so that the result of it may be available for practice teaching in the senior year.

Mr. Roberts

87-88. SEMINAR IN ENGLISH LITERATURE. (1 hr.)

A course for advanced students majoring in English. A correlating and supplementing of the work done in previous courses. Extensive reading. Of value for the comprehensive examination.

Miss Hoagland and Miss Carrigan

91-92. PROBLEMS IN LITERATURE. (1 hr.)

Conferences, papers, and reports on minor research problems. Limited to seniors of superior achievement who are majoring in English.

Miss Hoagland

SPEECH AND DRAMATICS

41. ELEMENTS OF SPEECH. (3 hrs.)

The fundamentals of speech, including tone production and control, platform presence, organization of material, and some work in the delivery of extemporaneous

speeches. This course may be followed by Speech 42 or Speech 44. Enrollment limited to twenty students in each section.

Mr. Booth

42. PUBLIC SPEAKING. (3 hrs.)

The practical application of the principles of speech. Prerequisite, Speech 41 or the special permission of the instructor. Enrollment limited to twenty students.

Mr. Booth

44. ARGUMENT. (3 hrs.)

A study of the principles of logic and psychology which underlie the art of persuasion, followed by practice in application of the theories developed. Prerequisite, Speech 41, or the special permission of the instructor. Enrollment limited to twenty students.

Mr. Booth

51. SPEECH CORRECTION. (3 hrs.)

Organic and functional causes of speech difficulties. Prerequisite, Psychology 41. Not offered in 1942-43.

Mr. Booth

52. VOICE AND DICTION. (3 hrs.)

Drill and exercises in breathing, voice control, and diction.

Mr. Booth

53-54. PLAY PRODUCTION. (3 hrs.)

To promote an understanding and appreciation of the theatre from the point of view of the actor, director, technician, and audience. Practical work in stagecraft, movement, makeup, pantomime, etc.

Mr. Booth

55. THEATRE ARTS. (3 hrs.)

An exposition of the continuity of theatrical development. Outside reading of biographies and critical reviews. Critical study of current plays, historical trends, and production problems.

Mr. ———

57-58. SHAKESPEARE.

See English 57-58.

59. ORAL INTERPRETATION. (3 hrs.)

Consideration of such forms as monologues, stories, ballads, lyrics, and dramatic poems. Principles of analysis, empathy, attention, imagery. Not offered in 1942-43.

Mr. ———

60. RADIO SPEECH. (3 hrs.)

Practice in radio speaking and dramatics. Preparation of scripts.

Mr. ———

72. PLAY WRITING. (3 hrs.)

See Journalism 72.

JOURNALISM

53. REPORTING. (3 hrs.)

A study of the techniques and values in news reporting. Emphasis on learning to write clearly, forcefully, and distinctly. The writing of a daily news story and a weekly feature will be requirements of the course. Alternates with Journalism 63. Prerequisite, six semester hours of English. Not offered in 1942-43.

Mr. Roberts

54. JOURNALISTIC TYPES. (3 hrs.)

A study of the essay, satire, short story, feature, biography, and magazine article, with written work concentrated on one type to be selected by the student. Prerequisite, six semester hours of English. Alternates with Journalism 64. Not offered in 1942-43.

Mr. Roberts

63. FEATURE WRITING. (3 hrs.)

The writing of special features for magazines and trade journals, and the submission of at least ten articles for publication. How to find themes to write about, how to handle the material, and how to put together the finished product. Admission by permission of instructor. Alternates with Journalism 53.

Mr. Roberts

64. EDITORIALS AND PUBLIC OPINION. (3 hrs.)

A study of editorials, columns, motion pictures, and radio both as reflectors and moulders of public opinion. The writing of a daily column will be one requirement of this course. Prerequisite, six semester hours of English. Alternates with Journalism 54.

Mr. Roberts

65. ADVERTISING. (3 hrs.)

A study of department store, financial and business advertising programs, buying motives, sales appeals, copy-writing, layout and direct mail. Admission by permission of the instructor.

Mr. Roberts

66. HISTORY OF AMERICAN JOURNALISM. (3 hrs.)

Journalistic backgrounds followed by a development of American newspapers and magazines from colonial days to the present. A parallel study of the rise of advertising. Present day trends of news dissemination.

Mr. Roberts

71. SHORT STORY. (3 hrs.)

A study of short story types, and the writing of fifteen short stories. Admission by permission of instructor.

Mr. Roberts

72. PLAY WRITING. (3 hrs.)

A study of modern plays and the writing of six one act plays and two three act plays. Admission by permission of instructor.

Mr. Roberts

91-92. PROBLEMS IN JOURNALISM. (1 or 2 hrs.)

The undertaking of sustained work in features, plays, short stories, radio, or advertising. Admission only by permission of the instructor. Personal direction of individual projects and criticism of manuscripts. Open to superior students who are majoring or minoring in the department.

Mr. Roberts

MODERN LANGUAGES

PEARL MAHAFFEY, HEAD OF THE DEPARTMENT

EARL D. MCKENZIE, ASSISTANT PROFESSOR

CATHERINE BINDER, INSTRUCTOR

AIMS:

The aim of the department is (a) to introduce students to the language, literature and culture of France, Germany, and the Spanish speaking countries; (b) to provide training in reading facility for students who may be interested in scientific or historical study requiring the language as a "tool subject"; and (c) to give adequate training in language, literature, and expression to students who are preparing to be teachers, translators, or representatives in foreign service.

REQUIREMENT FOR A MAJOR IN FRENCH:

Twenty-four hours in French, above French 11-12, with eighteen hours in the upper-division. French 65-66 is required, English 33-34 and English 53-54 are strongly recommended. To be recommended to teach any one of the modern languages the student must have completed French 85.

REQUIREMENT FOR MINOR IN FRENCH, GERMAN OR SPANISH:

At least eighteen hours in the same language. History 51-52 and History 64 are recommended.

FRENCH**11-12. FIRST YEAR FRENCH. (3 hrs.)**

Fundamentals of grammar, pronunciation and composition. Emphasis on reading. For students who have no acquaintance with the language. A continuous course.

Miss Binder

31-32. INTERMEDIATE FRENCH. (3 hrs.)

Grammar review, composition, dictation, intensive and extensive reading. Prerequisite, French 11-12, or a satisfactory standing in an achievement test. A continuous course. This course is for those who have studied French in secondary school.

Miss Mahaffey

51-52. CONVERSATION. (2 hrs.)

Study of prose composition, syntax, and phonetics. Dictation and conversation. Prerequisite, French 31-32.

Miss Mahaffey

55-56. MODERN DRAMA. (3 hrs.)

French drama since 17th century. Prerequisite, a reading knowledge of French. Conducted in French. Alternates with French 61-62. Not offered in 1942-43.

Miss Mahaffey

61-62. NOVEL. (3 hrs.)

The French novel from its beginning to the 20th century. Prerequisite, a reading knowledge of French. Conducted in French.

Mr. McKenzie

65-66. HISTORY OF FRENCH LITERATURE. (3 hrs.)

Survey of French literature from the early periods to the present time. French readings from an anthology, literary work, term papers. Prerequisite, a reading knowledge of French.

Miss Mahaffey

71. SEVENTEENTH CENTURY DRAMA. (3 hrs.)

Plays of Corneille, Racine and Moliere. Conducted in French. Alternates with French 65. Not offered in 1942-43.

Miss Mahaffey

72. NINETEENTH CENTURY POETRY. (3 hrs.)

Schools of poetry, Romanticism, Parnassian, and Symbolism. Conducted in French. Alternates with French 66. Not offered in 1942-43.

Miss Mahaffey

82. SEMINAR FOR MAJOR STUDENTS. (2 hrs.)

Intensive study of French civilization and culture. Geography, history, government, science, press, art and music of France. Readings and discussions in French.

Miss Mahaffey

85. TEACHING OF MODERN LANGUAGES. (2 hrs.)

Teaching methods and problems in modern languages. A thoroughly practical course for prospective teachers at the secondary school level. Required of all students who expect the recommendation of the department as teachers of French, German, or Spanish.

Miss Mahaffey

GERMAN

11-12. FIRST YEAR GERMAN. (3 hrs.)

Fundamentals of grammar, composition and reading with emphasis on reading and speaking. For students who have no acquaintance with the language. A continuous course.

Mr. McKenzie

31-32. INTERMEDIATE GERMAN. (3 hrs.)

Grammar, composition, intensive and extensive reading. Practice in every day conversation. Special emphasis on outside reading in student's major or minor field. Prerequisite, German 11-12 or satisfactory standing in achievement test.

This course is for students who have studied German in secondary school. A continuous course.

Mr. McKenzie

51-52. CONVERSATION AND COMPOSITION. (1 or 2 hrs.)

Practical conversation, study of syntax, prose composition and dictation. Admission on approval of instructor.

Mr. McKenzie

57-58. NINETEENTH CENTURY. (3 hrs.)

Reading and critical study of the nineteenth century, especially Kleist, Hebbel, and Keller. Special emphasis on the drama and the Romantic school. Outside readings and class reports. This class is conducted in German. Prerequisite, German 31-32 or equivalent. Alternates with German 67-68.

Mr. McKenzie

67-68. EIGHTEENTH CENTURY. (3 hrs.)

Readings of the works of Lessing, Goethe, and Schiller with outside readings and class reports. Conducted in German. Prerequisite, German 31-32, or equivalent. Alternates with German 57-58. Not offered in 1942-43.

Mr. McKenzie

SPANISH

11-12. FIRST YEAR SPANISH. (3 hrs.)

Fundamentals of grammar, composition, pronunciation and reading, with considerable emphasis on spoken Spanish. For students who have no acquaintance with the language. A continuous course.

Miss Binder

31-32. INTERMEDIATE SPANISH. (3 hrs.)

Grammar, oral work, and reading. Practice in dictation, writing, and speaking. Reading of modern prose and plays. Prerequisite, Spanish 11-12 or satisfactory standing in achievement test. This course is for students who have studied Spanish in secondary school. A continuous course.

Miss Binder

51-52. CONVERSATION AND COMPOSITION. (3 hrs.)

Emphasis and drill on conversational practical Spanish and advanced composition. Considerable study of business and commercial Spanish. Practice in reading and writing business letters. Prerequisite, Spanish 31-32, or approval of the instructor.

Miss Binder

GROUP II—PSYCHOLOGY, PHILOSOPHY, AND EDUCATION

EDUCATION

R. H. ELIASSEN, HEAD OF THE DEPARTMENT

F. H. KIRKPATRICK, PROFESSOR

LOUISE GETTYS, ASSOCIATE

AIMS:

It is the aim and plan (a) to stimulate an interest in and an awareness of educational objectives in public education; (b) to give professional training necessary for certification as secondary teachers, in Ohio, Pennsylvania, West Virginia, and other states; (c) to offer background and some technical preparation for types of guidance and personnel work; and (d) to develop in teacher and personnel candidates the consciousness of education as a universal, continuous, socially permeating process.

REQUIREMENT FOR MAJOR:

A minimum of twenty-six hours in the department, with a sequence of courses approved by the head of the department.

REQUIREMENT FOR MINOR:

Twenty hours in the department.

TEACHER TRAINING:

Students who are interested in teaching should confer with the head of the Department of Education before beginning upper division courses. Such a conference will give the student an understanding of the teaching profession, the requirements for certification in the various states, and the personal qualifications considered essential.

31. INTRODUCTION TO EDUCATION. (3 hrs.)

Presents a comprehensive view of education—its aims, organization, and procedures. Planned to acquaint students with teaching as a profession and as an important agency in our social development. Wide reading from many sources and on many topics together with the preparation of a selective bibliography are requirements in the course.

Mr. Eliassen

32. HISTORY OF EDUCATION. (3 hrs.)

A general survey of educational theory and practice from the days of ancient Greece to the present day. Considerable emphasis is placed on biographical studies of distinguished educators representing various periods in educational history. The pivotal aim of the course is to present modern educational development in the light of its historical antecedents.

Mr. Eliassen

42. EDUCATIONAL PSYCHOLOGY. (3 hrs.)

See Psychology 42.

51. PHILOSOPHY OF EDUCATION. (3 hrs.)

Detailed study of the various philosophies of education as a basis of content and method of teaching. The relation of the philosophy of education to current theory and practice. The course is recommended to upper division students who do not expect to enter the teaching profession but who desire a working knowledge of education as a preparation for civic participation. Prerequisite, some training in psychology.

Mr. Eliassen

52. PRINCIPLES OF EDUCATION. (3 hrs.)

Stresses social and economic principles that govern education in America as well as the immediate and ultimate aims to be realized. Important issues and trends receive emphasis. A library centered course that requires extensive reading and reports. A minimum of six observations in secondary schools is required.

Mr. Eliassen

54. MENTAL HYGIENE. (2 hrs.)

A study of wholesome, effective personality adjustments, and of the more common causes of mental ill-health. Emphasis on emotions and the educative process and the application of mental hygiene in the classroom. Analysis and interpretation of the emotional and personality problems of school children. Alternates with Education 72. Not offered in 1942-43.

Mr. Kirkpatrick

55. STATISTICAL METHOD. (2 hrs.)

Elementary methods of handling quantitative data in educational or psychological studies. Frequency distribution, nature of measurement, central tendency, variability, zero-order correlation, and simple graphic methods. This course does not treat the development of statistical formulae or the mathematic theory underlying them.

Mr. Kirkpatrick or Miss Gettys

64. EDUCATIONAL MEASUREMENTS. (2 hrs.)

Tests and testing procedures as significant elements in the educative process. Construction, use and interpretation of measurements of achievement, special abilities, and personality traits. Emphasis on achievement measurement in the secondary schools. A practical course.

Miss Gettys

62. MENTAL MEASUREMENTS. (2 hrs.)

See Psychology 62.

65. VISUAL AND AUDITORY EDUCATION. (2 hrs.)

Emphasis on special materials and methods of visual and auditory education including motion pictures and radio. Problems of selection, integration, and evaluation will be stressed. The cinema and the radio are factors in character development considered in the light of recent research.

Mr. Eliassen

72. GUIDANCE AND PERSONNEL. (2 hrs.)

A comprehensive view of the procedures and purposes in guidance and personnel work. Major objectives, interrelations, techniques, counseling, records, and organization for educational, vocational, and social guidance in the junior and senior high school. This course presupposes some training in psychology. Alternates with Education 54.

Mr. Kirkpatrick

74. EDUCATIONAL ADMINISTRATION. (2 hrs.)

Study of federal, state, and local administration of the schools. Functions of the board of education, superintendent, principal, and the teacher are stressed. Special consideration will be given to personnel problems of students and teachers. A minimum of six observations in some school system is required.

Mr. Eliassen

81 or 82. OBSERVATION AND DIRECTED TEACHING. (6 hrs.)

This course is offered each semester and includes observations, participation activities, and student teaching under supervision in the secondary schools of Brooke and Ohio Counties. Two group conferences are scheduled for each week and these are supplemented by individual conferences with critic teachers and the professor in charge of the course. Teaching shall be in the major or minor subjects. Each student will spend at least one period a day during the semester teaching or observing at the high school. This is an intensive training course for students seriously interested in teaching as a profession.

NOTE: Registration for this course is limited to seniors with at least 12 hours of professional training, and an academic average of C. Students should not register for more than 16 semester hours of academic work during the semester in which this course is carried. An application for the privilege of doing directed teaching must be presented before registration can be completed.

Mr. Eliassen and Critic Teachers

85 or 86. SPECIAL METHODS. (2 or 3 hrs.)

Many departments of the college offer courses in the teaching of the corresponding secondary school subjects. These courses present the most approved methods in teaching subjects at the secondary school level. Such courses are open only to juniors and seniors who expect to teach. The following special methods courses are offered:

Latin 85	History 85	Mathematics 86
English 86	Secretarial Tr. 85-86	Physics 85
French 85	Biology 85	Music 85-86
Phys. Ed. 85	Chemistry 85	

91 or 92. PROBLEMS. (1 or 2 hrs.)

Independent study and investigation in the field of professional education. Open only to students of unusual ability and adequate background in the field of education.

Mr. Kirkpatrick and Mr. Eliassen

PSYCHOLOGY AND PHILOSOPHY

ANDREW LEITCH, HEAD OF THE DEPARTMENT

D. E. STEVENSON, INSTRUCTOR

AIMS:

Psychology is intended to acquaint the student with the facts and laws of behavior, especially human behavior—physical and mental, normal and abnormal—and with the experimental and scientific approach to problems in this field. The courses offered are designed (a) to enable the student to develop a wholesome personality and to make adequate social adjustments; (b) to give background preparation for professions which relate to individual and group behavior; and (c) to lay a broad foundation for graduate work and professional study in this or some related field.

PSYCHOLOGY

REQUIREMENT FOR MAJOR:

At least twenty-four hours of psychology, which must include Psychology 31-32, 42, 53, 62, 64, and 75. A major should also include Biology 11-12 and Education 55. Biology 43, Education 54, and Sociology 31-32 are recommended.

REQUIREMENT FOR MINOR:

At least eighteen hours of psychology, which must include Psychology 31-32, 53, 62, and 64. Education 55 is recommended.

31-32. GENERAL PSYCHOLOGY. (3 hrs.)

An introductory course providing a systematic study of the most important facts and laws of behavior and mental life. Emphasis on their practical significance in the professions, business, industry, and everyday life. Class experiments and laboratory demonstrations. Students electing Psychology 31 should continue with Psychology 32.

Mr. Leitch

42. EDUCATIONAL PSYCHOLOGY. (3 hrs.)

A study of the nature and laws of learning; original nature as conditioning learning; the amount, rate, limit, and permanence of improvement; factors and conditions affecting learning; transfer of training; mental fatigue; individual differences; efficient methods of study. Laboratory demonstrations and class experiments. Prerequisite, Psychology 31, preferably Psychology 31-32.

Mr. Leitch

53. EXPERIMENTAL PSYCHOLOGY. (3 hrs.)

A laboratory course in which the student carries on a series of typical psychological experiments in sensory, motor, intellectual, and emotional processes. After learning the techniques of psychological experimentation each student may investigate minor problems within his own interest. Students electing Psychology 53 should continue with Psychology 62 and 64. Prerequisite, six semester hours in Psychology.

Mr. Leitch and assistant

54. APPLIED PSYCHOLOGY. (3 hrs.)

A general course treating the application of psychological principles to problems in the fields of law, medicine, education, the ministry, and personal efficiency. Prerequisite, six semester hours in psychology. Not offered in 1942-43.

Mr. Leitch

55. SOCIAL PSYCHOLOGY. (3 hrs.)

A systematic study of the nature and causes of human social behavior. Social problems involved in such phenomena as race and sex differences, intelligence levels, cultural levels, and the crowd, convention and custom, morale, leadership, social progress and deterioration, social adjustment and maladjustment. Prerequisite, six semester hours in Psychology. Alternates with Psychology 57.

Mr. Leitch

57. PSYCHOLOGY OF PERSONALITY. (3 hrs.)

An analysis of the nature of personality, its constituent elements, basic drives, integrating and disintegrating conditions, adequate and inadequate adjustments, with special attention to the development of a wholesome personality. The measurement of personality. Prerequisite, six semester hours in Psychology. Alternates with Psychology 55. Not offered in 1942-43.

Mr. Leitch

58. ABNORMAL PSYCHOLOGY. (3 hrs.)

A study of abnormal human traits and comparison with the normal. A systematic study of mental deficiency, the neuroses, the psychoses (insanity), and abnormal traits in everyday life. Study trips to nearby special classes and institutions for mental cases. Prerequisite, six semester hours in Psychology.

Mr. Leitch

59. DEVELOPMENTAL PSYCHOLOGY. (3 hrs.)

A study of the physical, intellectual, emotional, social, and moral development of the individual in infancy, childhood and adolescence, with especial reference to the more serious problems of children and adolescent youths. Prerequisite, six semester hours of Psychology. Offered in alternate years. Not offered in 1942-43.

Mr. Leitch

62. MENTAL MEASUREMENTS. (2 hrs.)

A study of the more important techniques for the measurement of mental capacity, with especial attention to intelligence tests. The historical development of mental tests, their fundamental principles, their validity and practical values. Laboratory demonstrations of individual mental testing. Practice in giving, scoring, and evaluating group tests. Prerequisite, six semester hours in Psychology.

Mr. Leitch

64. MENTAL TESTING AND DIAGNOSIS. (1 hr.)

A laboratory course in which the student has an opportunity to learn the technique of individual and group mental testing. In addition to the use of the psychological laboratory, liberal use is made of nearby public schools and college classes for individual examination and for mental surveys, with emphasis on interpretation

of test results, evaluation of tests, classification and diagnosis. A companion course of Psychology 62.

Mr. Leitch

65-66. INDUSTRIAL AND BUSINESS PSYCHOLOGY. (3 hrs.)

General treatment of the application of psychology to problems in the industrial and business world. First semester; personnel selection and training, job analysis and evaluation, accidents and fatigue, employee supervision and motivation. Second semester; advertising, selling, and market research. Prerequisite, six semester hours in Psychology. Psychology 53 is recommended as a prerequisite. Not offered in 1942-1943.

Mr. Kirkpatrick

75. CONTEMPORARY SCHOOLS OF PSYCHOLOGY. (3 hrs.)

A study of the historical development and an evaluation of some of the more important trends and schools of contemporary psychology, such as introspectionism, behaviorism, psychoanalysis, Gestalt, etc. Readings in the original writings of representative authors. Limited to juniors and seniors, offering Psychology 31-32 or equivalent as prerequisite.

Mr. Leitch

91-92. PROBLEMS. (1 hr.)

An advanced course for a limited number of major students in the department. Individuals work on experimental problems or investigations in which the student is especially interested. Limited to seniors who are qualified for minor research. May be elected only with the approval of the head of the department.

Mr. Leitch and Mr. Kirkpatrick

PHILOSOPHY

AIMS:

Philosophy aims at a study of the problems of life, especially the more persistent problems of reality, knowledge, morality, religion, and social life, that the student may develop habits of clear thinking which integrates his knowledge from different fields into a unified whole thus affording him "vision in the light of the whole."

REQUIREMENT FOR MINOR:

Eighteen hours of philosophy, with the sequence of courses approved by the head of the department.

53-54. HISTORY OF PHILOSOPHY. (3 hrs.)

A rapid survey of Western Philosophical thought from the seventeenth century B.C. to modern times. Class lectures will be supplemented by readings in the English translations of original writings, readings in the text, and by papers and discussions

tracing the philosophical sources of modern ideas in certain matters of government, ethics, education, and religion. Offered in alternate years.

Mr. Stevenson

57. ETHICS. (3 hrs.)

An introductory course combining the historical and systematic approach to the main types of ethical theory. Problems of individual and social morality which confront modern thought will receive special consideration in the second half of the semester. Lecture, forum, collateral readings, and papers. Not offered in 1942-43.

Mr. Stevenson

58. REFLECTIVE THINKING. (3 hrs.)

An analysis of the nature of reasoning and reflective thinking; erroneous thinking; principles and methods of inductive and deductive reasoning. The best of formal logic will be combined with the best principles of critical thinking as developed by John Dewey and others. Readings and course content rich in examples from current articles and speeches. Not offered in 1942-43.

Mr. Stevenson

59. FRONTIERS OF THOUGHT. (3 hrs.)

A course in philosophical problems designed to introduce the student to actual experience in the philosophic method. A consideration of certain problems of life and thought approached from the standpoint of meanings and values. Individual and group research supplementary to class lecture and forum. Brief papers and reports. Not offered in 1942-43.

Mr. Stevenson

60. PHILOSOPHY OF RELIGION. (3 hrs.)

Investigation of the life situation out of which religion rises for the individual and society; a study of religion in belief and in practice. The topics of God, evil, freedom, immortality, prayer, and revelation will be considered under religious beliefs. In the study of religion in practice discussion will center on organized religion, the cultus, and the relation of church and society. Not a survey of types of religious philosophy but a consistent system rooted in the thought of E. S. Brightman and kindred thinkers. Not offered in 1942-43.

Mr. Stevenson

61-62. PLATO AND ARISTOTLE. (3 hrs.)

First semester: A critical study and classroom discussion of the philosophy of Plato and its influence on ancient and modern thought and culture. Readings of selected dialogues, informal lectures, collateral reading in historical and critical background. Second semester: A critical study of selections from Aristotle and Lucretius, with collateral readings in the literature of Stoicism, Epicureanism, and Neo-Platonism. Informal lectures and class discussions. An advanced course. Not offered in 1942-43.

Mr. Gay

PHYSICAL EDUCATION AND HEALTH

J. J. KNIGHT, HEAD OF THE DEPARTMENT

BETTY D. CLARK, INSTRUCTOR

———, INSTRUCTOR

AIMS:

It is the aim and plan of the department of physical education and health (a) to promote the health education and physical development of the student; (b) to provide opportunities for students to participate in and secure a reasonable degree of proficiency in physical recreation activities; and (c) to train physical education and play leaders for educational, industrial, and community situations.

REQUIREMENT FOR MAJOR:

A minimum of thirty hours which should include the following courses; Physical Education 15 or 16, 37, 67, 70, 76, 77, and 85. Sociology 66, Economics 53, and Education 54 are recommended.

REQUIREMENT FOR MINOR:

A minimum of twenty hours in the department with the sequence of courses approved by the head of the department.

REQUIREMENT FOR ALL STUDENTS:

Freshmen—Physical Education 11-12 is required. Physical Education 15 or 16 may be elected in the freshman year.

Sophomores—Two semester hours in any activity course in the department and Physical Education 15 or 16, if not elected in the first year. Students who are physically unfit as certified by the college physician may petition to be allowed to substitute hours in other courses in lieu of activity courses in physical education. Students who are not candidates for a degree may be exempt from the requirement in physical education. Any petition for exemption from physical education should be addressed to the Committee on Admissions and Classifications.

11-12. FRESHMAN PHYSICAL EDUCATION. (1 hr.)

Outdoor and indoor activities. Adapted to abilities of the student. Instruction in the technique and rules of a wide variety of individual and team games. Required of all freshmen. An activity course.

Miss Clark, Mr. ——— and assistants

15 or 16. PERSONAL HYGIENE. (2 hrs.)

Fundamental knowledge of personal hygiene and how the health of the individual may be conserved. Especially for freshmen and sophomores. Offered each semester.

Mr. ———

21-22. TAP AND CHARACTER DANCING. (1 hr.)

A practical course starting out with elementary tap steps and combinations working up to finished routines and dances. Open to men and women. An activity course.

Miss Clark

23-24. FOLK DANCING. (1 hr.)

A practice course in folk dancing from many countries. English and American country dances are studied during the first semester and European folk dances during the second semester. Open to men and women. An activity course.

Miss Clark

25-26. SOPHOMORE PHYSICAL EDUCATION. (1 hr.)

A practice course dealing with individual and team sports. Intended for sophomores who want to elect a general recreation course. An activity course.

Mr. Knight, Miss Clark, Mr. ——— and assistants

27-28. UPPER CLASS PHYSICAL EDUCATION. (1 or 2 hrs.)

An activity course.

Mr. Knight and Miss Clark

31. SCOUTING. (1 hr.)

Fundamentals of scouting. Elements of scout leadership, troop and pack management, program planning, camping, etc. A practical course involving experience with the local troop and occasional visits to Camp Bethany. Not offered in 1942-43.

Mr. ———

32. COMMUNITY HYGIENE. (2 hrs.)

A study of health matters pertaining to the group.

Miss Clark

34. CAMPING AND OUT DOORS. (1 hr.)

See Biology 34.

35. ELEMENTARY SWIMMING. (1 hr.)

Instruction for beginners in buoyancy and floating test. Preliminary tests for swimming, and such strokes as elementary back, side and single over arm. An activity course.

Miss Clark, Mr. ——— and assistants

36. ADVANCED SWIMMING. (1 hr.)

Instruction in the correct form of the more advanced strokes as the trudgen, American crawl, racing back, and breast. Diving and life-saving. Prerequisite, Physical Education 35 or equivalent. An activity course.

Miss Clark, Mr. ——— and assistants

37. PLAYGROUND MANAGEMENT. (3 hrs.)

Instruction in playground management, group games, relays, stunts, rhythmic material for elementary children. Two hours of theory and one hour of practice.

Miss Clark

39. PREVENTION AND CARE OF INJURIES. (2 hrs.)

Common hazards of play and athletics with a study of prevention measures and treatment of injuries. Red Cross First Aid Certificate may be earned by those who pass the examination. Not offered in 1942-43.

Mr. Knight

45. TUMBLING AND STUNTS. (1 hr.)

Practice course beginning with individual stunts to advanced group work. Open to men and women alike. An activity course. Not offered in 1942-43.

Mr. Knight

46. GYMNASTICS AND APPARATUS. (1 hr.)

A survey course of various gymnastic systems and practice in apparatus. An activity course.

Mr. ———

47-48. THEORY AND PRACTICE OF TEAM SPORTS. (1 hr.)

Intensive practice with opportunity to officiate in team sports. Sports for men: touch football, soccer, speedball, volleyball, basketball, and baseball. Sports for women: hockey, soccer, speedball, volleyball, basketball, and baseball.

Miss Clark and Mr. ———

51-52. MODERN DANCING. (1 hr.)

A practice course in contemporary dancing, emphasizing the use of fundamental expressive movements in creative work. An activity course.

Miss Clark

53. COACHING FOOTBALL. (2 hrs.)

A study of fundamentals, offensive and defensive styles of play, conditioning players, rules of the game from the viewpoint of a player, coach, official and spectator. Not offered in 1942-43.

Mr. Knight

54. COACHING BASKETBALL. (2 hrs.)

A study of fundamentals, offensive and defensive styles of play, conditioning players, rules of the game and officiating. The place of basketball in the intramural program. Not offered in 1942-43.

Mr. Knight

56. BASEBALL, TRACK AND FIELD. (2 hrs.)

A study of the strategy and fundamentals of baseball, track, and field.

Mr. Knight

58. COMMUNITY RECREATION. (2 hrs.)

The new leisure and its meaning, education for leisure, effect of leisure on personality, recreation and social maladjustment, recreation movements and activities in the United States and foreign countries.

Miss Clark

67. PHYSIOLOGY. (3 hrs.)

See Biology 67.

70. KINESIOLOGY. (3 hrs.)

A study of fundamental bodily movements, with inquiry as to how they are performed, their reaction on the body, and their relation to bodily development and bodily efficiency. Prerequisites, Biology 36 and Biology 67.

Mr. ———

72. CORRECTIVE GYMNASTICS AND NORMAL DIAGNOSIS. (2 hrs.)

A study of variations of the normal types of the human organism at different age levels. Therapeutic measures will be evaluated, especially those which refer to the correction of mechanical defects. Prerequisites, Biology 36 and Biology 67.

Miss Clark and Mr. ———

74. ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION. (3 hrs.)

This course deals with administrative relationships and procedures in the conduct of physical education. For advanced students who are majoring or minoring in the department.

Mr. Knight

76. THEORY AND PRACTICE OF INDIVIDUAL SPORTS. (2 hrs.)

Intensive practice in badminton, handball, archery, tennis, and golf. Knowledge of rules and tournament methods will be stressed. Open to both men and women.

Miss Clark and Mr. Knight

77. HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION. (3 hrs.)

A survey of the development of physical education from ancient times to the present. A study of objectives in the physical education program and their relation to education in general. For students who are majoring or minoring in the department.

Mr. Knight

85. METHODS OF HEALTH AND PHYSICAL EDUCATION. (3 hrs.)

Methods, materials, and techniques pertinent to the teaching of health and physical education. Prerequisites, Physical Education 15 or 16, Physical Education 32, and Biology 67.

Mr. Knight

91-92. PROBLEMS. (1 or 2 hrs.)

For advanced students of unusual ability in physical education who can undertake special problems for study or who are prepared to develop and project a program. Readings, reports, and projects will be required.

Mr. Knight and members of the staff

EQUIPMENT:

Men and women taking activity courses in physical education must wear regulation gymnasium apparel. For the men this consists of basketball or gymnasium shoes, white socks, white gymnasium shirts, pants, and sweat suits. For women the regulation costume consists of a green and white washable suit, sweat shirt, white sneakers, and socks, purchased through Bethany College Book Store.

NOTE: A season's work in varsity athletics, i.e., football, basketball, track, or tennis is credited with one hour of physical education provided proper course registration is made. Only two physical education hours may be obtained through varsity athletics.

GROUP III—SOCIAL STUDIES

ECONOMICS AND BUSINESS ADMINISTRATION

CLYDE J. CROBAUGH, HEAD OF THE DEPARTMENT

EDWARD R. BOWDEN, INSTRUCTOR

AIMS:

The courses are designed (a) to give an understanding of the principles involved in economic behavior, of the relationships and process of the modern economic system, and of the relationships between this system and government; (b) to develop ability in the analysis of economic problems; (c) to furnish a basis for intelligent citizenship in dealing with the complex socio-economic problems; (d) to equip the student with fundamental and some technical preparation for business; (e) to stimulate sound thinking, reliable judgment, and timely action which are so vital to business leadership; (f) to encourage an aptitude for business-like habits of thought and study which will make for continuing growth and progress; and (g) to provide preparation for teaching economics and for post-graduate or professional study.

REQUIREMENT FOR MAJOR:

Twenty-four semester hours of which eighteen hours must be upper division courses. The major must include Economics 45, 47, 51 and Economics 83-84. Students wishing to go directly into a business organization should elect such courses as Economics 45, 46, 47, 61, and 62. Courses in political science and applied psychology are strongly recommended.

REQUIREMENT FOR MINOR:

Eighteen semester hours in an approved sequence are required for a minor in Economics. Nine hours must be in upper division courses.

33. DEVELOPMENT OF INDUSTRIES. (3 hrs.)

Study of history, growth, location, and importance of American industries. Special attention is given to raw materials, manufacturing methods, products made, value, methods of marketing, labor conditions, and legislation affecting industries. Open to freshmen.

Mr. Crobaugh

34. ECONOMIC GEOGRAPHY. (3 hrs.)

See Geography 34.

43-44. PRINCIPLES OF ECONOMICS. (3 hrs.)

Study of the nature, scope and organization of economic activities in our modern society, fundamental principles and policies involved and their application to contemporary problems. This is a general course which lays the foundation for

specialized study in the various branches of theoretical and applied economics. A continuous course. Not open to freshmen.

Mr. Crobaugh

45. ELEMENTARY ACCOUNTING. (3 hrs.)

Elementary principles of accounting and their application to the sole proprietorship, the partnership and the corporation. Methods of collecting, recording and reporting accounting information. An introductory course providing the basis for an understanding of the financial reports of modern industry and units of government, and the fundamental principles for those wishing to pursue advanced work in Accounting. Class and laboratory work. Not open to freshmen.

Mr. Bowden

46. INTERMEDIATE ACCOUNTING. (3 hrs.)

Further application of the principles covered in Elementary Accounting; summary records, controlling accounts, partnership problems, corporation problems. Class and laboratory work. Prerequisite, Economics 45.

Mr. Bowden

47. STATISTICS. (3 hrs.)

Intended to provide an understanding of elementary statistical methods in handling economic and business data; the logic and validity of statistical methods as applied to both theoretical and practical problems of the social sciences, including the technique of tabulation and graphic presentation; index numbers; interpretation and use of statistical presentation.

Mr. Bowden

51. MONEY AND BANKING. (3 hrs.)

Development, nature and functions of various types of monetary systems and banking institutions; the principles of money, banking, and credit; proposals for price stabilization, the gold standard, managed currency, foreign exchange and international financial relationships, central banking, the Federal Reserve System, government and banking. Special attention is given to post-war developments and monetary and banking problems at the present time. Prerequisite, Economics 43-44.

Mr. Bowden

53. LABOR PROBLEMS. (3 hrs.)

A study of the position of the wage earner in modern industrial society, the background of industrial relations, and such major problems as wages and income, hours of work, unionism and collective bargaining, strikes, scientific management, employer activities, insecurity and labor legislation. Prerequisite, Economics 43-44. Alternates with Economics 55. Not offered in 1942-43.

Mr. Bowden and Mr. Kirkpatrick

54. INSURANCE. (3 hrs.)

Functions of the more important types of insurance through an analysis of their principles and practices. Life insurance and the various forms of social insurance. The legislation, policies and procedures of the various state and federal governments in connection with the Federal Social Security Act are given particular

attention. Prerequisite, Economics 43-44. Alternates with Economics 56. Not offered in 1942-43.

Mr. Crobaugh

55. PUBLIC FINANCE. (3 hrs.)

Theories and principles of taxation; practical financial problems of federal, state, and local governments; public expenditures; kinds of taxes and other public revenues; public debt, methods and effects of borrowing; fiscal organization and administration; budgets. Prerequisite, Economics 43-44. Alternates with Economics 53.

Mr. Bowden

56. PUBLIC UTILITIES. (3 hrs.)

A study of the economic conditions and problems in the light, power, and transportation industries; development, valuation and rate making; government aid, regulation, and operation in the United States and foreign countries. Prerequisite, Economics 43-44. Alternates with Economics 54.

Mr. Bowden

58. MANAGEMENT. (3 hrs.)

Study of origin, nature, and influence of management in the development of modern business enterprise. Intended to provide a working knowledge of research, standards, controls, inspection, and specialization in management. Special attention is given to controls—operations, processes, purchasing, inventories, production, budgets, and personnel. Prerequisite, Economics 43-44.

Mr. Crobaugh

61. BUSINESS ADMINISTRATION. (3 hrs.)

The organization and management of business enterprise. This course serves particularly the students who wish a general survey of the structure, functions and techniques of business activities. Prerequisite or corequisite, Economics 43-44.

Mr. Bowden

62. MARKETING. (3 hrs.)

Study of the marketing institutions, methods, trends and social and economic factors which influence these institutions; the channels of trade, the methods and costs of marketing, the nature and effects of competition in marketing; market policies, promotion and operations. Prerequisite, Economics, 43-44.

Mr. Bowden

63. ADVANCED ACCOUNTING. (3 hrs.)

Theory and practical application involving problems of valuation of assets and liabilities, reserves, depreciation, capital accounts and profits, dividends, corporate consolidations, estates and trusts. Class and laboratory work. Prerequisite, Economics 46.

Mr. Bowden

64. COST ACCOUNTING. (3 hrs.)

General methods of collecting costs of material, labor, and burden and incorporating them in the books of account; operation reports and cost statistics; interpreta-

tion of cost data for commercial and industrial organization; elimination of waste through proper costing. Class and laboratory work. Prerequisite, Economics 46.

Mr. Bowden

65. BUSINESS LAW. (3 hrs.)

Study of a person's rights and obligations which relate to the usual business transactions. Stress is laid upon the elements of contracts, sales, agency relationships, and negotiable instruments, though some time is devoted to other phases of law such as property, corporations, bankruptcy and courts and court procedure.

Mr. Bowden

66. SALES AND SALES MANAGEMENT. (3 hrs.)

A study of the principles and practices of oral and printed salesmanship and types of sales organizations and activities. The second half of the course deals with the recruiting, selection, training, routing, and supervision of salesmen. Special attention is given to sales quotas, budgets, policies, and costs. Prerequisite, Economics 62. Alternates with Economics 68. Not offered in 1942-43.

Mr. Bowden

68. CORPORATION FINANCE AND INVESTMENTS. (3 hrs.)

Financial management of corporate enterprise; aspects of promotion, current administration, expansion, failure and reorganization. The latter half of the course is given to consideration of the theory of investment analysis, the operation of the stock market, and the Federal Security Commission. Prerequisites, Economics 43-44, and 45. Alternates with Economics 66.

Mr. Crobaugh

70. PURCHASING. (3 hrs.)

A study of the functions, duties, organization, and position of the purchasing department in various types of business. Attention is given to the larger administrative problems connected with the organization and operation of purchasing departments. Includes a study of commodities and prices. Prerequisite, Economics 43-44.

Mr. Bowden

71. CREDITS AND COLLECTIONS. (2 hrs.)

Includes the advantages and disadvantages of credit sales. Credit and collection policies and practices of the manufacturer, wholesaler, and retailer are discussed and evaluated. Attention is given to the sales aspect of the credit department as well as to the different forms of consumer credit. Prerequisite, Economics 43-44.

Mr. Crobaugh

73. INTERNATIONAL ECONOMIC POLICIES. (3 hrs.)

A survey course of the international commercial policies of nations. A study is made of the theory of international trade; the protection and free trade controversy; the reciprocal tariff bargaining policy of the United States; the export of capital; the control of raw materials; international cartels; and the merchant marine. Prerequisites, Economics 43-44 and six hours of upper division courses in the department.

Mr. Crobaugh

83-84. ECONOMIC THEORY AND CONTEMPORARY PROBLEMS. (3 hrs.)

A study of economic theory, and of important social and economic problems of the present time and the relationships between them and government. Analysis of proposals for social reorganization, factors controlling production, relative values, and distribution. The general problem of social control and planning. Prerequisites, Economics 43-44 and six semester hours in upper division courses in the department.

Mr. Crobaugh

87-88. ADVANCED ECONOMICS. (2 or 3 hrs.)

Co-ordination of specialized courses and the correlation of economic problems with particular fields of economic study. Offered in summer term only.

Mr. Crobaugh

91-92. SEMINAR IN ECONOMICS. (2 hrs.)

Emphasis on independent study. Members may study problems in theoretical or applied economics in which they are particularly interested and in accordance with individual needs and preparation. Limited to seniors majoring or minoring in economics. Group meetings and individual conferences. Prerequisite, at least fifteen semester hours in the department.

Mr. Crobaugh

HISTORY AND POLITICAL SCIENCE

W. K. WOOLERY, HEAD OF THE DEPARTMENT
CHANDLER SHAW, ASSISTANT PROFESSOR

AIMS:

The aims of the courses are (a) to acquaint the student with the record of mankind and the forces which have created that record; (b) to develop a critical faculty of interpreting the past; (c) to encourage an attitude of thought and concern on the present problems of public welfare; (d) to offer training for those who wish to teach history. The courses in political science are intended to introduce the student to the theory and problems of government, and to provide training for professional careers in public service and in teaching the social studies.

The content of the courses and the spirit of instruction in the History Department are based on the need for an understanding of the problems which war brings to the United States, and to the other nations as well, both for the background and for the necessities of the peace after the war.

REQUIREMENT FOR MAJOR:

Students majoring in History should elect not less than twelve semester hours in European history other than History 11-12, twelve semester hours in American history, and six hours in political science. Not less than eighteen hours must be taken in the upper division, and it is recommended that twelve hours be taken in each of the last two years.

REQUIREMENT FOR MINOR:

The minimum requirement for a minor in history is eighteen hours in the department with not less than six hours of upper division work. Six hours

of the minor may be in political science.

A minimum of eighteen hours is required for a minor in political science. History 41-42 may be made a part of the eighteen hours. All courses in political science apply on the history major but do not alter the minimum requirement for that major.

EUROPEAN HISTORY

11-12. THE HISTORICAL BACKGROUND OF MODERN CIVILIZATION. (3 hrs.)

A survey of the institutions and cultural achievements from the Greeks to the twentieth century. Deals largely with political and economic systems, literature, philosophy, religion, art, architecture, and daily life. Outside readings include selections from the best literature and thought of past ages. Material civilization is illustrated with lantern slides. The course is intended as a foundation for the social sciences, English and foreign literatures, religion, and the arts.

Mr. Shaw

31-32. THE HISTORY OF ENGLAND. (3 hrs.)

A history of English institutions and the English people from the ninth century to the present. The course attempts to correlate the development of English civilization with that of the continent. A brief outline of the history of central Europe will be included.

Mr. Shaw

51. EUROPE FROM 1789 TO 1870. (3 hrs.)

The history of Europe from the beginning of the French Revolution to the formation of the third French Republic and of a united Italy and Germany. Includes the development of industry, science, and modern thought.

Mr. Shaw

52. EUROPE SINCE 1870. (3 hrs.)

A survey of recent political and social developments in Europe. The course attempts to give an understanding of the conflicts and problems of the present day through the diplomacy, wars, peace treaties, and institutions of the last seventy years.

Mr. Shaw

65. ANCIENT CIVILIZATIONS. (3 hrs.)

After a brief summary of the progress of prehistoric man and the transition to civilization, the course will deal largely with the development of Egypt, Mesopotamia, the Aegean, Greece, and Italy. Alternates with History 67.

Mr. Shaw

67. EARLY MODERN EUROPEAN HISTORY. (3 hrs.)

The history and culture of Europe from the late Middle Ages to 1789. Takes up the rise of modern states and of modern international conflicts. Intellectual and cultural development will be stressed. Alternates with History 65. Not offered in 1942-43.

Mr. Shaw

68. INTERNATIONAL RELATIONS SINCE 1931. (3 hrs.)

A review of the outstanding international events since the Japanese invasion of

Manchuria and the coming into power of National Socialism in Germany. Deals largely with the background and the causes of the second World War and with European diplomacy since the outbreak of the war.

Mr. Shaw

91. SEMINAR IN EUROPEAN HISTORY. (1 hr.)

For advanced students majoring in history. Reports will be assigned on special topics dealing with recent events. A reading knowledge of French or German is desired.

Mr. Shaw

AMERICAN HISTORY

41-42. AMERICAN HISTORY. (3 hrs.)

Political and social history of the American people from colonial settlements to the present time.

Mr. Woolery

61. THE REVOLUTIONARY ERA. (3 hrs.)

Constitutional history of the American nation from 1775 to 1825. Attention to personalities as well as to political constructions, in the formative period of the United States.

Mr. Woolery

62. THE MIDDLE PERIOD. (3 hrs.)

Constitutional development from 1825 to 1870; national and sectional political ideas and action.

Mr. Woolery

64. HISPANIC AMERICA AND THE UNITED STATES. (3 hrs.)

The political and economic growth of the republics of South and Central America, and their diplomatic relations with the United States.

Mr. Woolery

85. MATERIALS AND METHODS OF TEACHING HISTORY. (2 hrs.)

The aims, methods and materials of teaching history in secondary schools. Open only to upper division students who expect to teach the social studies. Not offered in 1942-43.

Mr. Woolery

87-88. PERIODS OF HISTORY. (2 or 3 hrs.)

An advanced course in periods of modern history, including historical method, with individual assignments and procedure. Offered in summer term only.

Mr. Woolery

92. SEMINAR IN AMERICAN HISTORY. (2 hrs.)

A unifying course for advanced students majoring in History. During 1942-43 the seminar will be devoted to a study of the problems of international organization

for peace, from the American viewpoint. Readings will prepare for the comprehensive examination.

Mr. Woolery

POLITICAL SCIENCE

11-12. MODERN GOVERNMENTS. (3 hrs.)

The structure and functions of the national government of the United States, followed by a second semester's study of the more important present day governments of Europe.

Mr. Woolery

57. POLITICAL PARTIES. (3 hrs.)

The nature and effects of political ideas, the workings of parties, and the questions of political organizations and functions. Alternates with Political Science 79.

Mr. Woolery

58. PUBLIC ADMINISTRATION. (3 hrs.)

Concepts and methods in the application of rules of public policy to problems of nation, state and municipality. Alternates with Political Science 80.

Mr. Woolery

79. CONSTITUTIONAL LAW. (3 hrs.)

Principles of the constitutional law of the United States as established in decisions of the federal courts. Alternates with Political Science 57. Not offered in 1942-43.

Mr. Woolery

80. HISTORY OF POLITICAL THEORY. (3 hrs.)

History and analysis of the principal political theories from Plato to the present. Alternates with Political Science 58. Not offered in 1942-43.

Mr. Woolery

LIBRARY SCIENCE

21-22. INTRODUCTION TO LIBRARIANSHIP. (3 hrs.)

A general introductory course planned to give an overview of the field of librarianship, to study library development, and to suggest the opportunities for service which the library profession offers. The second half of the course is designed to meet the needs of students who plan to do high school teaching and who need some practical instruction in library methods.

Mr. Behymer

SECRETARIAL TRAINING

INEZ C. LYLE, INSTRUCTOR

AIMS:

The department is especially (a) for students who want to prepare for office work and general business training; (b) for students who want to prepare for teaching commercial subjects in secondary schools by meeting certificate requirements in this field; and (c) for students who want training in typing and shorthand as a part of a larger educational program.

REQUIREMENT FOR MINOR:

Eighteen hours are required for a minor in this department. These must be arranged in sequence and buttressed by courses in economics and business administration.

11. ELEMENTARY TYPEWRITING. (3 hrs.)

A beginning course for those who wish to acquire a working knowledge of typewriting for personal and incidental vocational uses. The ability to use the typewriter efficiently at a sustained writing speed of at least 40 net words a minute on simple paragraph material is considered a minimum requirement for satisfactory work in this course.

Mrs. Lyle

12. ADVANCED TYPEWRITING. (3 hrs.)

The purpose of this course is to develop marketable proficiency in the use of the typewriter. The ability to sustain a writing speed of at least 50 words a minute on ordinary paragraph and rough-draft material, accurately typed in accordance with vocationally-accepted standards of form and appearance, is considered a minimum requirement for satisfactory work.

Mrs. Lyle

15-16. BEGINNING SHORTHAND. (3 hrs.)

Careful study of the principles of Gregg shorthand with emphasis on accurate outlines; drill on brief forms and phrase writing; timed dictation and transcription. Prerequisite or corequisite, Secretarial Training 11-12. A continuous course.

Mrs. Lyle

29-30. ADVANCED GREGG SHORTHAND. (3 hrs.)

The development of (1) an intensive shorthand vocabulary, (2) a shorthand writing speed of at least 110-120 words a minute on material drawn from general "business" vocabulary, and (3) a transcribing rate of at least 30-35 words a minute.

Mrs. Lyle

45. PRINCIPLES OF ACCOUNTING. (3 hrs.)

See Economics 45.

46. PRINCIPLES OF ACCOUNTING. (3 hrs.)

See Economics 46.

47. BUSINESS MATHEMATICS. (3 hrs.)

Mathematical problems which occur most frequently in ordinary business transactions, including those pertaining to interest, taxation, insurance, annuities, trade and cash discounts, commission and brokerage, profit and loss, pay rolls, depreciation, partial payments, and installment buying and selling.

Mrs. Lyle

49. BUSINESS LETTERS AND REPORTS. (3 hrs.)

Principles and practices of business letter writing with special emphasis on the sales letter and on the preparation of special business reports, bulletins, manuals of instructions, and factual summaries. Prerequisite, or parallel, Secretarial Training 11.

Mrs. Lyle

50. SECRETARIAL PRACTICE AND OFFICE MANAGEMENT. (3 hrs.)

This course is based on an activity program of simulated and actual experiences in representative types of office situations. Special attention is given to skill in dictation and transcription, to the improvement and supervision of correspondence, to the various systems of filing, and to the operation of commonly-used machines and appliances. Two hours a week plus concurrent secretarial experience.

Mrs. Lyle

61. BUSINESS ADMINISTRATION. (3 hrs.)

See Economics 61.

63. ADVANCED ACCOUNTING. (3 hrs.)

See Economics 63.

64. COST ACCOUNTING. (3 hrs.)

See Economics 64.

65. BUSINESS LAW. (3 hrs.)

See Economics 65.

66. CONSUMER PROBLEMS. (3 hrs.)

The objective of this course is to give the student an understanding of principles and laws that govern consumption, and to present facts relating to American standards of living and consumption habits.

Mrs. Lyle

85-86. THE TEACHING OF BUSINESS SUBJECTS. (3 hrs.)

First semester, special techniques and devices for teaching typewriting, shorthand, and related secretarial subjects; second semester, methods and materials in the teaching of bookkeeping, business arithmetic, retailing, and general-business subjects. Not offered in 1942-43.

Mrs. Lyle

88. SUPERVISED SECRETARIAL PRACTICE. (3 hrs.)

Practical experience in some approved office situation under guidance and supervision of instructor and business representative. Course open to seniors who have demonstrated ability and with the permission of instructor.

Mrs. Lyle

91-92. VOCATIONAL SELF-PLACEMENT AND ADJUSTMENT. (2 hrs.)

A senior seminar devoted to principles, problems, and techniques involved in obtaining initial employment and subsequent promotion in business and in business teaching. One class meeting each week during the semester. Not offered in 1942-43.

Mrs. Lyle

SOCIOLOGY

CLYDE J. CROBAUGH, HEAD OF THE DEPARTMENT
———, INSTRUCTOR

AIMS:

The curriculum in sociology is designed (a) to give an understanding and appreciation of human relationships, social institutions, social processes, and occupations; (b) to familiarize students with the nature and causes of the social problems which they are most likely to find confronting them in their communities and occupations; (c) to equip the student with fundamental preparation for entering various kinds of social work; and (d) to provide preparation for teaching sociology and for post-graduate or professional study.

REQUIREMENT FOR MAJOR:

Twenty-four semester hours in the department, including Sociology 31-32, Sociology 71, and Sociology 81-82. Biology 11-12 and 43, Economics 47, Sociology 65, 73, are recommended for those expecting to major in the social work field.

REQUIREMENT FOR MINOR:

Eighteen hours in an approved sequence of which twelve hours must be in upper division courses.

31-32. GENERAL SOCIOLOGY. (3 hrs.)

The cultural heritage, the social nature of man, forms of collective behavior, community development, social processes, social change, social control. A continuous course.

Miss ———

43. HEREDITY AND EUGENICS. (2 hrs.)

See Biology 43.

51. PRINCIPLES OF SOCIOLOGY. (3 hrs.)

Social processes and structures, application of sociological analysis to social problems, recent sociological studies on methodology. Prerequisite, 31-32. Alternates with Sociology 71. Not offered in 1942-43.

Miss ———

52. POPULATION PROBLEMS. (3 hrs.)

History of population theories and policies; qualitative aspects of the population problem with reference to eugenics; migration; control of population. Alternates with Sociology 72. Not offered in 1942-43.

Miss ———

53. EDUCATIONAL SOCIOLOGY. (2 hrs.)

A study of the needs of society and the educational functions and techniques of social groups and institutions meeting those needs. Prerequisite 31-32. Alternates with Sociology 65.

Miss ———

54. MARRIAGE AND THE FAMILY. (2 hrs.)

The development of marriage and the family; social functions; effect of recent changes; modern problems and tendencies of the family. Prerequisite, Sociology 31-32, and upper division standing. Alternates with Sociology 66.

Miss ———

55. SOCIAL PSYCHOLOGY. (3 hrs.)

See Psychology 55.

61. PUBLIC ASSISTANCE. (2 hrs.)

Local, state, and federal organization for welfare and public assistance. Analysis and evaluation of direct and work relief programs. Prerequisite, Sociology 31-32, and upper division standing. Alternates with Sociology 81.

Miss ———

62. SYSTEMS OF PUBLIC WELFARE. (2 hrs.)

Programs for the protection and care of the socially, physically, and mentally handicapped as expressed in legislation and in the work of the public departments of cities, counties, and states. Prerequisites 31-32, 61. Alternates with Sociology 82.

Miss ———

64. SOCIAL SERVICE PRACTICUM. (1 to 4 hrs.)

Student training and experience during the summer months on the staff of an approved social service agency, such as Hiram House in Cleveland. The training includes lectures, conferences, supervision of organized activities, field trips, notebooks, and examination. Only by prior arrangement with the head of the department can students be given an opportunity to earn credit in this way.

Mr. Crobaugh

65. COMMUNITY ORGANIZATION. (2 hrs.)

Social structure and functions of the modern city. Special economic and social organization of rural populations. Understanding of forces that promote or retard community development. Prerequisite, Sociology 31-32. Alternates with Sociology 53. Not offered in 1942-43.

Miss ———

66. CULTURAL ANTHROPOLOGY. (2 to 3 hrs.)

A study of primitive people and their institutions in prehistoric and modern times for the purpose of recognizing universal human traits and the backgrounds of modern civilization. Alternates with Sociology 54. Not given in 1942-43.

Miss ———

71. SOCIAL PROBLEMS. (3 hrs.)

A study of the major social problems in society—unemployment, poverty, dependency, delinquency, and crime. Prerequisite Sociology 31-32 and upper division standing. Alternates with Sociology 51.

Miss ———

72. SOCIAL WORK. (3 hrs.)

Survey of the field of social work, the legal, social, and economic background; organization, agencies, functions, and techniques; types of social case work, group social work, and institutional social work. Prerequisites Sociology 31-32, 61, and 71. Alternates with Sociology 52.

Miss —————

73-74. SOCIAL THEORY AND CONTROL. (2 hrs.)

A summing-up study of the various systems, classic and modern, of explaining the social behavior of individuals. Sociological ideas of August, Comte, Spencer and others. The nature of social control, chief control devices, institutional pressures, and disruptive factors. Prerequisite twelve semester hours in sociology.

Mr. Crobaugh

81-82. SEMINAR IN SOCIAL SURVEYS AND SOCIAL RESEARCH. (2 hrs.)

An advanced course for major and minor students in the department. The course has three purposes: (1) to integrate by summary and interpretation the preceding work in the department, (2) to offer instruction in the techniques and methods of social research, and (3) to give each student an opportunity to develop his particular interest through a specific study project. Prerequisite, twelve semester hours of sociology and permission of the instructor. Economics 47 or Education 55 are recommended as prerequisites.

Miss —————

GROUP IV — SCIENCE AND MATHEMATICS

BIOLOGY

B. R. WEIMER, HEAD OF THE DEPARTMENT
W. J. SUMPSTINE, ASSISTANT PROFESSOR

AIMS:

The courses are intended (a) to acquaint the student with the living world around him and the fundamental dynamic life processes; (b) to demonstrate scientific methods of approach to problem solution; (c) to cultivate an attitude of inquiry and research; (d) to develop laboratory skill in various types of work in zoology, botany, and related fields; and (e) to train students as teachers of biology and for certain professional work related to this field.

Students who plan to teach or become professional biologists should elect the following sequence of courses: Biology 11-12, 36, 43, 48, 53, 57, 65, 67, 78, 81, and 91 or 92.

Students preparing for work in medicine, dentistry, nursing or as laboratory technicians should elect the following sequence of courses: Biology 11-12, 36, 43, 53, 76, 78, 81, and 91 or 92.

REQUIREMENT FOR MAJOR:

At least twenty-four semester hours in the department following a sequence of courses approved by the head of the department. A minimum of twelve semester hours of chemistry, at least six of which are in organic chemistry, is desirable.

A minor should be elected in a laboratory science. Either German or French should be elected to meet the graduation requirement for foreign languages.

REQUIREMENT FOR MINOR:

At least eighteen semester hours in the department exclusive of Biology 34 and Biology 85.

11-12. GENERAL BIOLOGY. (3 hrs.)

Systematic study of the fundamental structures and life processes of plants and animals, including man, and their important interrelationships together with special lectures and discussions of the most important principles of biology—environment, heredity, variation, and the theory of evolution. Required of all pre-medical students.

Mr. Weimer, Mr. Sumpstine, and assistants

34. OUR OUTDOORS. (1 hr.)

A general survey course in the field of man's natural environment from the standpoint of geology and biology. A series of field studies on

a. Plant life

b. Animal life with particular reference to

1. Entomology
2. Ornithology
- c. Physical geography
- d. Rocks and minerals
- e. The essentials of camping

The course is planned for those who desire a wider, general knowledge of the outdoors from the aesthetic and a vocational viewpoint. Estimated cost of the course to the student exclusive of tuition including trips, food, and minor incidentals: \$5.00 to \$8.00. Not open to freshmen. Enrollment limited to fifteen.

Mr. Weimer and others

36. COMPARATIVE VERTEBRATE ANATOMY. (3 hrs.)

Study of the comparative anatomy of the representative forms of vertebrates. Laboratory study of the comparative anatomy of the shark, turtle, and cat. Prerequisite, Biology 11-12. Required of all pre-medical students. Conferences, discussion, and laboratory.

Mr. Weimer and assistants

43. HEREDITY AND EUGENICS. (2 hrs.)

A general course covering modern theories and laws of heredity and their relation to man. Alternates with Biology 85. Not offered in 1942-43.

Mr. Weimer

48. PLANT ECOLOGY AND LOCAL FLORA. (2 hrs.)

The identification of the common seed plants and ferns by the use of manuals and the study of the relation between plants and their environment. In the spring the work will consist mostly of field trips with occasional laboratory exercises. Prerequisite, Biology 11 or high school biology.

Mr. Sumpstine

53. BACTERIOLOGY. (3 hrs.)

Morphology and physiology of yeasts and bacteria, principles of laboratory technique, cultural characteristics, and environmental influences on bacterial growth. Special emphasis on the relation of bacteria to domestic and public health problems.

Mr. Sumpstine and assistants

54. INDUSTRIAL BACTERIOLOGY. (2 hrs.)

A practical laboratory course with occasional lectures, dealing with water analysis, milk analysis, and general bacteriology of the food industries. This course is open to teachers, industrial workers of the Ohio River Valley, and all who are properly prepared and interested.

Mr. Sumpstine

56. WATER ANALYSIS, FILTRATION PLANT OPERATION, AND INTRODUCTION OF CLINICAL LABORATORY METHODS. (2 hrs.)

Mr. Sumpstine

57. ADVANCED GENERAL BOTANY. (3 hrs.)

An advanced study of the structural relationships of various type forms of the plant kingdom together with a study of the fundamental life processes of plants; growth, irritability, food synthesis, and metabolism. Prerequisite, Biology 11-12. Not offered in 1942-43.

Mr. Sumpstine

65. INVERTEBRATE ZOOLOGY. (3 hrs.)

Survey of the invertebrate animals including phylogeny and morphology. A laboratory study of representative forms of invertebrates will be made. Prerequisite, Biology 11-12. Not offered in 1942-43.

Mr. Weimer

67. PHYSIOLOGY. (3 hrs.)

Structure and functions of the human body and the mechanism of bodily movements, responses, reactions, and various physiological states. Prerequisites, Biology 11-12 and Biology 36. Required of all majors in Physical Education.

Mr. Weimer and assistants

76. HISTOLOGY. (3 hrs.)

Structure of the cell and its modifications into various tissues. Special attention will be paid to the theory and practice of general histological technique. Prerequisite, Biology 11-12 and Biology 36. Alternates with Biology 78. Not offered in 1942-43.

Mr. Sumpstine

78. VERTEBRATE EMBRYOLOGY. (3 hrs.)

Nature and development of the tissues and organs in vertebrates. Embryos of chick and pig are studied in the laboratory. Prerequisite, Biology 11-12 and Biology 36. Alternates with Biology 76.

Mr. Weimer

81. CONTEMPORARY BIOLOGICAL INVESTIGATIONS AND LITERATURE. (1 hr.)

A survey of the fields of biological investigations and the current literature relating to investigations in those fields. Open only to juniors and seniors. Required of all Biology majors. Prerequisite, Biology 11-12 and Biology 36.

Mr. Weimer

85. METHODS AND MATERIALS IN TEACHING BIOLOGY. (2 hrs.)

The aims and methods of teaching biology in the secondary schools. Special attention will be given to general laboratory procedure and technique. Prerequisite, sixteen hours of Biology and junior or senior rank. Alternates with Biology 43.

Mr. Sumpstine

86. MARINE BIOLOGY. (4-6 hrs.)

Credit is given for summer courses taken at the Marine Biological Station at Woods Hole, Massachusetts, or at any other station of similar rank.

91-92. PROBLEMS. (1 or 2 hrs.)

A course in theoretical and advanced morphological biology. The problem may be selected by the student, subject to the approval of the instructor, according to interest and future needs and may be in either:

- a. Advanced comparative anatomy of vertebrate or invertebrate types not previously studied; or
- b. Review of the literature relating to various fields of investigation in biology.
- c. Study of some problem in biological research.

No registration for the course will be permitted without previous conference with the instructor. Open only to juniors and seniors. Prerequisites, Biology 11-12, 36 and 65, or 36, 78 and superior achievement in these courses.

Mr. Weimer

CHEMISTRY

H. D. DAWSON, HEAD OF THE DEPARTMENT

J. W. REYNARD, INSTRUCTOR

AIMS:

It is the aim of the department (a) to contribute to a student's general culture, his understanding of the nature of the physical world and his understanding of the place of chemistry in industrial and business life; (b) to provide training in the scientific method and logical analysis; and (c) to provide major students with thorough and practical training in chemistry which may be useful in industrial, technical, or educational work.

REQUIREMENT FOR MAJOR:

Thirty hours in the department, to include Chemistry 11-12, 25-26, 61-62, 71-75, and 87-88. The required courses are purposely maintained at a minimum to permit the greatest flexibility. Work in biology, economics, mathematics, physics, English, and modern languages is recommended as seems best to meet the student's individual needs.

REQUIREMENT FOR MINOR:

Eighteen hours with either sequence I or II as follows:

- I. Chemistry 11-12, 25-26, 61-62
- II. Chemistry 11-12, 61-62, 71 and 75

11-12. GENERAL CHEMISTRY. (3 hrs.)

This is a fundamental course in general chemistry. An introduction to qualitative analysis comprises a part of the work of the second semester. A continuous course.

Mr. Reynard and assistants

11A-12A. GENERAL CHEMISTRY. (6 hrs.)

A fundamental course in general chemistry and qualitative analysis given the first semester.

Mr. Reynard and assistants

25-26. QUANTITATIVE ANALYSIS. (3 hrs.)

The study of gravimetric, electrolytic, volumetric, and colorimetric analysis. Prerequisite, Chemistry 11-12.

Mr. Reynard and assistants

25A-26A. QUANTITATIVE ANALYSIS. (6 hrs.)

This course corresponds to Chemistry 25-26. It is given the second semester.

Mr. Reynard and assistants

43. ADVANCED INORGANIC CHEMISTRY. (3 hrs.)

This is a continuation course in inorganic chemistry. Prerequisite, Chemistry 11-12, or equivalent.

Mr. Reynard

45. ADVANCED INORGANIC LABORATORY. (1 hr.)

A laboratory course designed to accompany Chemistry 43.

Mr. Reynard

51-52. ADVANCED ANALYTICAL CHEMISTRY. (3 hrs.)

This is a continuation course in analytical chemistry. Prerequisite, Chemistry 25-26.

Mr. Reynard

58. ADVANCED QUALITATIVE ANALYSIS. (3 hrs.)

A systematic study of the theories and principles of qualitative analysis. Prerequisite, Chemistry 11-12, or equivalent.

Mr. Reynard

61-62. ORGANIC CHEMISTRY. (3 hrs.)

This is an introductory course designed to meet the needs of the student electing chemistry as his major and the student in biological sciences. Prerequisite, Chemistry 11-12. A continuous course.

Mr. Dawson and assistants

63-64. QUALITATIVE ORGANIC CHEMISTRY. (2 hrs.)

The study of a systematic method of separation, purification, and identification of organic compounds. Prerequisite, Chemistry, 61-62. Alternates with Chemistry 65-66. A continuous course.

Mr. Dawson

65-66. ADVANCED ORGANIC CHEMISTRY. (3 hrs.)

This is a continuation course in organic chemistry. Prerequisite, Chemistry 61-62. Alternates with Chemistry 63-64. Not offered in 1942-43.

Mr. Dawson

71-72. THEORY OF PHYSICAL CHEMISTRY. (4 hrs.)

This is a fundamental course in physical chemistry. Chemistry 71 is designed to meet the requirement of pre-medical students. Prerequisite or corequisite, Chemistry 61-62, Physics 31-32, and Mathematics 11-12. Chemistry 72 requires Mathematics

31-32 as an additional prerequisite or corequisite. This course must be accompanied by Chemistry 75-76.

Mr. Dawson

75-76. PHYSICO-CHEMICAL MEASUREMENTS. (1 or 2 hrs.)

Corequisite, Chemistry 71-72.

Mr. Dawson

81-82. INDUSTRIAL CHEMISTRY. (3 hrs.)

This is a general survey course dealing with the problems and economic questions involved in chemical manufacturing industries. Inspection trips made to industrial plants during vacation periods are required. Prerequisite, acceptable work in inorganic chemistry; prerequisite or corequisite, Chemistry 61-62. Offered in alternate years.

Mr. Dawson

83-84. CHEMICAL SPECTROSCOPY. (1 hr.)

See Physics 67-68.

85 or 86. TEACHING OF CHEMISTRY. (2 hrs.)

This is a special methods course which considers the essentials for effective teaching of high school chemistry and does not count for either major or minor work in the department. Offered in alternate years.

Mr. Reynard

87-88. CHEMICAL LITERATURE. (1 hr.)

A study of some current professional journals. Reading in English, German and French.

Mr. Dawson

91-92. PROBLEMS. (1 or 2 hrs.)

Independent study and investigation in the field of the student's interest. Open only to those of unusual ability and adequate background. Admission by permission of the head of the department.

Mr. Dawson

GEOGRAPHY AND GEOLOGY

34. ECONOMIC GEOGRAPHY. (3 hrs.)

Study of world production and distribution of food supplies, power, resources and raw materials for manufacture, with reference to the natural and economic determining factors. Special consideration is given to these relationships in the United States and the Ohio River Valley. Open to freshmen.

Mr. Sumpstine

35. PRINCIPLES OF GEOGRAPHY. (3 hrs.)

A discussion of the general principles of the science including such topics as earth origins and the results of the dynamic geographical agencies tending to change its surface. A study is made of the relation between environment and life with special reference to North America. Practical work in mineralogy, physiography, and stratigraphy is required during the course.

Mr. Sumpstine

36. HISTORICAL GEOLOGY. (3 hrs.)

The history of the earth as revealed by its strata. Laboratory and field study of the common fossils and local formations. Offered in alternate years.

Mr. Sumpstine

MATHEMATICS AND PHYSICS

J. S. V. ALLEN, HEAD OF THE DEPARTMENT

W. H. SPRAGENS, INSTRUCTOR

AIMS:

The courses in mathematics are designed (a) to give the prospective teacher a thorough understanding and a wide appreciation of the fundamental ideas of elementary mathematics; (b) to contribute to the student majoring in science certain techniques and powers in the application of mathematics; (c) to provide the general student with a knowledge of the mathematical foundations of our civilization; (d) to give the prospective graduate student a firm foundation for later study and research.

The courses in physics are planned (a) to present a survey of the field of physics to the general student; (b) to teach the fundamentals of science of physics to students who are training themselves for such professions as medicine, optometry, engineering, and the teaching of physics; (c) to familiarize students expecting to enter graduate school with some of the more advanced materials in physics. The scientific method is stressed both in its past applications in solving important problems in physics and for its future use by the student in solving new problems.

REQUIREMENT FOR MAJOR IN MATHEMATICS:

A minimum of twenty-four hours in mathematics including Mathematics 31-32. The upper division courses should include Mathematics 53-54. Students interested in science and engineering should elect Mathematics 71-72. Students interested in mathematics as a teaching subject should elect Mathematics 55-56. Two courses in the department should be taken in the senior year.

REQUIREMENT FOR MAJOR IN PHYSICS:

A minimum of twenty-four hours in physics is required. Students interested in science and engineering should elect Physics 52. Physics 91-92 and a reading knowledge of German and French are recommended for students expecting to do graduate work. A minor in mathematics or chemistry is strongly recommended.

REQUIREMENT FOR MINOR IN MATHEMATICS:

A minimum of eighteen hours in mathematics including Mathematics 31-32 and six hours work in the upper division.

REQUIREMENT FOR A MINOR IN PHYSICS:

A minimum of eighteen hours in physics. Mathematics 11-12 and Mathematics 31-32 should be elected.

MATHEMATICS

11. MATHEMATICAL ANALYSIS. (3 hrs.)

Algebraic and trigonometric functions, graphical representation, logarithms and the slide rule, solution of triangles, binomial theorem, linear equations and determinants. Prerequisite, satisfactory standing in mathematics placement test for freshmen.

Students ranking low in mathematics placement test for freshmen will be required to make up their deficiency in mathematics by attending a special work laboratory two hours each week until the deficiency is removed.

Mr. Spragens and Mr. Allen

12. MATHEMATICAL ANALYSIS. (3 hrs.)

Quadratics and equations of higher degree, oblique triangles, the straight line, conic sections, polar and parametric forms. Prerequisites, Mathematics 11 or three units of high school mathematics, including trigonometry, and high standing in mathematics placement test for freshmen.

Mr. Spragens and Mr. Allen

13. ELEMENTS OF ALGEBRA AND TRIGONOMETRY. (3 hrs.)

For students who want a more fundamental course than Mathematics 11. Instruction and drill in algebraic operations, the trigonometric functions, solution of right and oblique triangles.

Mathematics 13 should not be used in meeting the group requirement in Group IV—Science and Mathematics. A student desiring to meet this requirement by taking six hours in Mathematics should elect Mathematics 11-12.

Mr. Spragens

21. ENGINEERING DRAWING. (3 hrs.)

Principles of engineering drawing, straight and curved line construction, projection, perspective, and isometric drawing. Not offered in 1942-1943.

Mr. Allen and assistants

22. ENGINEERING DRAWING. (2 hrs.)

A continuation of Mathematics 21.

Mr. Allen and assistants

24. PLANE SURVEYING. (3 hrs.)

Care and use of surveying instrument, field problems, and computation and mapping. One hour class work and four hours field work each week.

Mr. Cramblet

31-32. DIFFERENTIAL AND INTEGRAL CALCULUS. (3 hrs.)

Technique of differentiation and integration with applications, partial differentiation, and an introduction to infinite series. Prerequisite, Mathematics 11-12 or its equivalent. A continuous course.

Mr. Spragens

37. MATHEMATICS OF STATISTICS. (3 hrs.)

Mathematical theory of statistics, frequency distributions, measures of central tendency, dispersion, and correlation, regression equations, and the theory of probability. Prerequisite, Mathematics 11-12. Alternates with Mathematics 55.

Mr. Spragens

38. MATHEMATICS OF FINANCE AND INVESTMENT. (3 hrs.)

The operation of interest in annuities, amortization of debts and sinking funds, valuation of bonds, the experience table, and calculation of premiums for life insurance. Recommended for students majoring in economics. Prerequisite, Mathematics 11-12. Alternates with Mathematics 56.

Mr. Spragens

53-54. ADVANCED CALCULUS. (3 hrs.)

Real number system, theorem of the mean, power series, partial differentiation and its application to curves and surfaces, the integral, and an introduction to the theorems of Green and Stokes. Prerequisite, Mathematics 31-32. Alternates with Mathematics 71-72.

Mr. Spragens

55. INTRODUCTION TO HIGHER ALGEBRA. (3 hrs.)

Theory of equations, solution of cubic, quartic, and numerical equations, determinants, matrices, solutions of systems of linear equations, and an introduction to the fundamental concepts of algebra, class, group, field, number. Prerequisite, Mathematics 31-32. Alternates with Mathematics 37. Not offered in 1942-1943.

Mr. Spragens

56. INTRODUCTION TO HIGHER GEOMETRY. (3 hrs.)

An introduction to synthetic projective geometry and its principal sub-geometries, affine, Euclidean, and non-Euclidean, and a comparison of postulates and theorems comprising those geometries. Prerequisite, Mathematics 31-32. Alternates with Mathematics 38. Not offered in 1942-1943.

Mr. Spragens

58. SPHERICAL TRIGONOMETRY. (2 hrs.)

Geometry and trigonometry of the sphere, with applications to surveying and navigation. Prerequisite, Mathematics 31-32.

Mr. Spragens

71-72. DIFFERENTIAL EQUATIONS. (2 hrs.)

Methods of solution of ordinary differential equations and their application to the physical sciences. Prerequisite, Mathematics 31-32. Alternates with Mathematics 53-54. Not offered in 1942-1943.

Mr. Spragens

81-82. MATHEMATICS SEMINAR. (1 hr.)

Special reports prepared and presented by the student under supervision. The work of the second semester will synthesize the methods and materials of mathematics to

form the basis for the comprehensive examination. Required of all major students in the senior year.

Mr. Spragens and others

86. TEACHING OF MATHEMATICS. (2 hrs.)

A study of the content of courses in elementary mathematics, methods of study and classroom presentation of these subjects. A practical course in preparation for secondary school teaching. Open only to upper division students. Offered in alternate years.

Mr. Spragens

91-92. PROBLEMS. (1 or 2 hrs.)

Advanced work and independent study. Open to seniors of unusual ability who have completed eighteen hours in the department. A reading knowledge of French and German will be found desirable.

Mr. Cramblet and Mr. Spragens

PHYSICS

15. PHOTOGRAPHY. (2 hrs.)

A beginning course in photographic technique. There will be practice in general photography and some special applications, such as x-ray work, spectroscopy and astronomy. Not offered in 1942-1943.

Mr. Allen

18. ASTRONOMY. (2 hrs.)

A course in descriptive astronomy with one lecture per week and observations with the 10 inch reflecting telescope. Not offered in 1942-1943.

Mr. Allen

21. ELEMENTS OF RADIO. (2 hrs.)

A beginning course in radio theory and practice. The laboratory work includes the construction of oscillators, amplifiers and receivers.

Mr. Allen

31. GENERAL PHYSICS. (4 hrs.)

An elementary treatment of mechanics, heat and magnetism. This course, together with Physics 32, comprises the fundamental course in physics. Prerequisite, Mathematics 11 or its equivalent.

Mr. Allen

32. GENERAL PHYSICS. (4 hrs.)

An elementary treatment of electricity, sound and light. This is a continuation of Physics 31. Prerequisites, Mathematics 11 or its equivalent, and Physics 31.

Mr. Allen and assistants

52. MECHANICS. (3 hrs.)

A fundamental course in physics, including a treatment of classical mechanics with

application of principles; and a brief consideration of wave mechanics. Not offered in 1942-1943.

Mr. Allen

53. ADVANCED LIGHT AND PHYSICAL OPTICS. (3 hrs.)

Theories of light, reflection, refraction, interference, diffraction, polarization, geometrical optics, optical instruments, vision and spectroscopy. Prerequisites, Physics 31-32 and Mathematics 31-32. Not offered in 1942-1943.

Mr. Allen

55-56. LABORATORY IN ADVANCED PHYSICS. (1 hr.)

Supplementary to Physics 52, 53, and 63. The student should consult the instructor in charge before registering in the course.

Mr. Allen

63. ELECTRICITY AND MAGNETISM. (3 hrs.)

An advanced treatment of electrostatics and magnetics, electrochemistry, circuit theory, electrical machinery, and electronics. This course is a consideration of the theoretical and practical applications of electricity and magnetism.

Mr. Allen

64. HEAT. (3 hrs.)

An advanced study of temperature, quantity of heat, calorimetry, expansion, conductivity, change of state, and radiation. Some consideration will be given thermodynamics and kinetic theory. Prerequisites, Physics 31-32 and Mathematics 31-32.

Mr. Allen

67-68. SPECTROSCOPIC ANALYSIS. (1 hr.)

A laboratory course employing an E-1 Hilger spectrograph and auxiliary equipment for analytical work. Much of the work in this course consists of original research and publication of the results. Admission by permission of the instructor.

Mr. Allen

85. TEACHING OF PHYSICS. (2 hrs.)

Methods and practice in classroom presentation and laboratory supervision. Collateral readings and reports on the history of physical science. Required of all students expecting to teach physics.

Mr. Allen

91-92. PROBLEMS. (1 or 2 hrs.)

Readings, experiments and investigations in radioactivity, spectroscopy and radio, or in the field of the student's interest. Open to juniors and seniors of superior ability and accomplishment who are majoring or minoring in the department.

Mr. Allen

GROUP V — RELIGION AND FINE ARTS

ART APPRECIATION

31-32. INTRODUCTION TO ART. (3 hrs.)

Development and character of the architecture, sculpture and painting of Egypt, Greece, Rome and Europe in relation to the civilization of which they are a permanent expression. Not offered in 1942-1943.

Miss Mahaffey

33-34. PAINTING. (2 hrs.)

Study of the Italian masters of the sixteenth century, and of the leading painters of Spain and northern Europe. In the second semester there will be a survey of painting from 1800 to the present time, emphasis on work of France, England and America.

Miss Mahaffey

NOTE: Students electing courses in Art Appreciation will be expected to take occasional trips to Pittsburgh for visiting exhibitions.

BIBLICAL LITERATURE

OSBORNE BOOTH, HEAD OF THE DEPARTMENT
I. T. GREEN, PROFESSOR

AIMS:

The general purposes of the courses offered are (a) to acquaint the student majoring in other departments with the English Bible; (b) to give a more complete knowledge of the content of the English Bible and other religious subjects to students planning upon graduate study for the Christian ministry; and (c) to supplement this knowledge of the Bible with enough professional courses to enable the student to serve as a Christian minister or religious leader until such a time as graduate study may be possible for him.

REQUIREMENT FOR MAJOR:

Twenty-four hours, which must include eighteen hours of upper-division work.

REQUIREMENT FOR MINOR:

Eighteen hours, which must include twelve hours of upper division work.

REQUIREMENT FOR GRADUATION:

Any of the following courses may be taken without prerequisite to meet the requirement in Biblical Literature; Old Testament 11 or 12 and New Testament 11 or 12, Old Testament 33-34 or 55-56, or 71-72, New Testament 31-32 or 35-36. The courses open to freshmen are Old Testament 11 or 12, Old Testament 33-34, New Testament 31-32.

OLD TESTAMENT

11. OLD TESTAMENT HISTORY. (3 hrs.)

A survey of the history of the Hebrew people from the exodus to the time of the Maccabees. This course should be supplemented by New Testament 11 or 12. To satisfy graduation requirements either Old or New Testament may be taken the first semester, the other course the following semester. Students above the sophomore year should select more advanced courses in Biblical Literature. Freshmen intending to prepare for the ministry, should take Old Testament 33-34 or New Testament 31-32 the first year.

Mr. Booth

12. OLD TESTAMENT HISTORY. (3 hrs.)

The same course as Old Testament 11, offered in the second semester.

Mr. Booth

33-34. OLD TESTAMENT SURVEY. (3 hrs.)

A survey course covering the Old Testament. May be used to satisfy graduation requirements in Bible. Credit will not be given for work in both Old Testament 11 or 12 and Old Testament 33-34. Old Testament 33 is prerequisite for Old Testament 34. Not offered in 1942-1943.

Mr. Booth

55-56. THE PROPHETS. (3 hrs.)

The origin and development of prophecy among the Hebrews. Special attention will be given to the relation between the background of each prophet and his message. May be used to satisfy graduation requirements in Bible. Not offered in 1942-1943.

Mr. Booth

57-58. COMPARATIVE RELIGION. (3 hrs.)

A comparison of the most important features of the great occidental religions of antiquity, including religions of primitives, Egypt, Babylonia, Assyria, Persia, Greece, Rome, and Judaism and Christianity. Not offered in 1942-1943.

Mr. Booth

71-72. THE BIBLE AS LITERATURE. (3 hrs.)

A study of the various types of literature found in the Bible, including a comparison with similar forms in the great secular literature of the world. May be used to satisfy graduation requirements in Bible.

Mr. Booth

91-92. OLD TESTAMENT PROBLEMS. (2 hrs.)

An investigation of various problems in Old Testament history, literature, and religion. Prerequisite, Old Testament 11 or 12, 33-34, or 55-56.

Mr. Booth

NEW TESTAMENT

11. NEW TESTAMENT HISTORY. (3 hrs.)

A study of the life and messages of Jesus, the origin of the Christian church, and the work of Paul. This course should be supplemented by Old Testament 11 or 12. Either Old or New Testament may be taken the first semester, the other course the following semester. Students above the sophomore year should select more advanced courses in biblical literature. Freshmen preparing for the ministry should take Old Testament 33-34 or New Testament 31-32 the first year.

Mr. Green

12. NEW TESTAMENT HISTORY. (3 hrs.)

The same course as New Testament 11, offered in the second semester.

Mr. Green

31-32. NEW TESTAMENT SURVEY. (3 hrs.)

A survey course covering the entire New Testament. May be used to satisfy graduation requirements in Bible. A continuous course.

Mr. Green

35-36. INTRODUCTION TO CHRISTIANITY. (3 hrs.)

A survey of the background, origin, development and history of the Christian religion, and an analysis of the differences among modern denominations. May be used to satisfy graduation requirements in Bible. Credit will not be given for both New Testament 36 and Church History 69 or 70.

Mr. Green

65. THE TEACHING OF JESUS. (3 hrs.)

A careful study will be made of the teachings of Jesus and an attempt will be made to relate it to the movements of the time. Both Jewish and Greek backgrounds will be considered. Not offered in 1942-1943.

Mr. Green

66. THE TEACHING OF PAUL. (3 hrs.)

The fundamental doctrines of the "Epistles" will be studied. The student will be familiarized with the thought that lies behind these writings. Not offered in 1942-1943.

Mr. Green

67-68. THE BACKGROUND OF THE NEW TESTAMENT. (3 hrs.)

A study and evaluation of the social, religious, economic and political life of the Jews and of the Graeco-Roman world. Not offered in 1942-1943.

Mr. Green

73-74. NEW TESTAMENT GREEK. (3 hrs.)

See Greek 73-74.

75-76. BIBLICAL DOCTRINE. (3 hrs.)

An investigation of the various doctrines of the New Testament. These doctrines will be studied in the light both of the New Testament and of Christian thinking. A continuous course. Prerequisite, New Testament 11 or 12 or 31-32.

Mr. Green

91-92. NEW TESTAMENT PROBLEMS. (2 hrs.)

An investigation of various problems in the New Testament field. Students will select the problems of interest to them and will be guided in their solution.

Mr. Green

CHURCH HISTORY**51-52. HISTORY AND LITERATURE OF THE DISCIPLES. (3 hrs.)**

A survey of the rise and development of the Restoration Movement. The literature of the movement will also be studied and evaluated.

Mr. Green

69. THE ANCIENT CHURCH. (3 hrs.)

A survey of church history from the beginning to the reign of Charlemagne. May be used toward a major in Biblical Literature. Not offered in 1942-1943.

Mr. Green

70. THE REFORMATION. (3 hrs.)

A survey of church history from Charlemagne to the close of the Reformation. May be used toward a major in Biblical Literature. Not offered in 1942-1943.

Mr. Green

RELIGIOUS EDUCATION AND HOMILETICS**53. PRINCIPLES OF RELIGIOUS EDUCATION. (3 hrs.)**

Historical survey; relation of religion to secular education; fundamental task of the religious educator; recreation adapted to various ages, and supervision; organization of church, vacation, week-day and community schools; a practical organization for young people. Not offered in 1942-1943.

Mr. Green

54. PRACTICE OF RELIGIOUS EDUCATION. (3 hrs.)

The learning process; class method and management; educational evangelism; worship; devotional life; expressional activities; project method; evaluation and selection of curricula; Bible material. Not offered in 1942-1943.

Mr. Green

61-62. THE THEORY OF PREACHING. (3 hrs.)

Problems connected with the preparation and delivery of sermons are carefully studied. Sermons will be preached and criticized. Alternates with Homiletics 63-64. Not offered in 1942-1943.

Mr. Green

63-64. THE WORK OF THE PASTOR. (3 hrs.)

Organization of the forces on the local field. Finances, evangelism, worship and social services will be stressed. A thoroughly practical course. Alternates with Homiletics 61-62.

Mr. Green

MUSIC

RUSH CARTER, HEAD OF THE DEPARTMENT
———, INSTRUCTOR

AIMS:

The Department aims (a) to provide opportunity for students to develop an understanding and appreciation of music as a part of a general education; (b) to provide a well-balanced and complete four-year course for students who major in music for the purpose of becoming professional performers or private teachers; and (c) to provide a course for students who desire to become supervisors and teachers of music in elementary and high schools.

REQUIREMENT FOR MAJOR:

At least twenty-four hours in the department, including eighteen upper division hours, with their prerequisite courses or equivalents. The major may be earned in (1) theory of music or (2) materials and methods, looking toward music supervision or teaching of music in the schools.

REQUIREMENTS FOR MAJOR:

At least eighteen hours in the department.

LITERATURE AND THEORY OF MUSIC

11-12. EAR TRAINING AND SIGHT SINGING. (3 hrs.)

A study of tonal relationships, simple rhythms, melodies in both major and minor modes, simple melodic forms and harmonic progressions. A continuous course.

Mr. ———

31-32. MUSIC APPRECIATION. (3 hrs.)

A study of the aesthetic significance of the main types and periods of music leading to an intelligent appreciation and enjoyment of the world's great music. A general course requiring no technical preparation.

Mr. Carter

35. HARMONY I. (3 hrs.)

A study of major and minor scales, all intervals and relation to scales, triads and the use of tonic and dominant chords in four-part harmony, with all by-tones.

Mr. Carter

36. HARMONY II. (3 hrs.)

A study of all primary and secondary harmonies used in four-part writing and a

simple accompaniment, the beginning of modulation. Prerequisite, Music 35 or equivalent.

Mr. Carter

51-52. MUSIC HISTORY. (2 hrs.)

A study of the historical significance of the main periods and types of music. A technical course primarily for those looking toward a major or minor in music, or for those with sufficient musical background. Not offered in 1942-1943.

Mr. Carter

55. HARMONY III. (3 hrs.)

A study of chromatic harmony, the twelve-tone and six-tone scales, and advanced modulation. Prerequisite, Music 35-36, or equivalent.

Mr. Carter

56. FORM AND ANALYSIS. (3 hrs.)

A study of the structural designs upon which music is based. Representative works of the masters of music composition of the classic, romantic, and modern periods are studied and analyzed. Prerequisite, Music 55, or equivalent.

Mr. Carter

62. ADVANCED SIGHT SINGING AND EAR TRAINING. (2 hrs.)

An advanced study of tonal relationships, including chromatics, syncopated and difficult rhythms; the development of the ability to hear and recognize harmonic progression, including the simple modulations. Prerequisites, Music 11-12, 35-36, or equivalents.

Mr. ———

65. COUNTERPOINT. (3 hrs.)

A study of the principles of contrapuntal harmonization in two, three, and four parts, and the practical application of counterpoint in the form of invention. Prerequisite, Music 35-36, or equivalent.

Mr. ———

66. ORCHESTRATION. (3 hrs.)

A study of the beginning principles of instrumentation and orchestration including a thorough understanding of transposing instruments, and the problems of writing for such groups of instruments as are most commonly found in the average school and community orchestra. Prerequisite, Music 35-36.

Mr. ———

75-76. CONDUCTING. (2 hrs.)

A study of the technique of the baton and the different problems to be met in conducting chorus, orchestra and band; the introduction to score reading; and an opportunity for practical experience through the conducting of the college choral and instrumental groups. Open only to advanced students of music.

Mr. Carter

83. MATERIALS AND METHODS OF INSTRUMENTAL MUSIC (2 hrs.)

A study of the principles and problems of organizing and directing orchestras and bands, and the gaining of a knowledge of materials available.

Mr. _____

85-86. MATERIALS AND METHODS OF TEACHING OF MUSIC IN THE SCHOOLS. (2 hrs.)

A study of principles, problems and materials for teaching music (a) in the grades, (b) in junior and senior high schools. Alternates with Music 51-52.

Mr. Carter

91-92. PROBLEMS. (1 or 2 hrs.)

An advanced course for major and minor students of music, which may include methods of piano instruction, composition, or other problems to prepare the individual for his particular field of interest. Individual instruction and study.

Mr. Carter and Mr. _____

APPLIED MUSIC

15c-16c. CHOIR. (1 hr.)

A study of choral literature and rendition of cantatas, oratorios, and selected short numbers of recognized merit. Open for credit only to students above the freshman year who are properly qualified and accepted by the director. This course may be repeated for full credit. Prerequisite, Music 11-12 or Music 35-36.

Tu. 7:00 P.M. and *S.* 1:00 P.M.

Mr. Carter

150-160. ORCHESTRA. (1 hr.)

Orchestral instruments in their various combinations, study and rendition of concert repertoire. Open for credit only to students above the freshman year who are properly qualified and accepted by the director. This course may be repeated for full credit. Prerequisites, Music 11-12 or 35-36.

Tu. 4:00 P.M.

Mr. _____

15b-16b. BAND. (1 hr.)

Study and performance of standard band repertoire. Open for credit only to students above the freshman year who are properly qualified and accepted by the director. This course may be repeated for full credit. Prerequisites, Music 11-12 or 35-36.

M. 7:00 P.M. and *F.* 4:00

Mr. _____

21p-22p. PIANO. (1 hr.)

Technique, theory, and literature of the piano. Open to students who have some performing ability on the piano. Private lessons.

Mr. _____

210-220. ORGAN. (1 hr.)

Technique, theory, and literature of the organ. Open to students who have had some training in either piano or organ. Private lessons.

Mr. Carter

21V-22V. VOICE. (1 hr.)

Vocal technique, theory, and literature. Open to all students of adequate native ability, with or without previous vocal training. Private lessons.

Mr. Carter

VIOLIN

Students wishing to study violin may make arrangements with the Head of the Department for securing credit for private lessons with a special instructor on the basis of one hour of credit for 16 one-half hour private lessons, when accompanied by at least two semester hours in music theory. Prerequisite, ability and training satisfactory to the instructor.

23-24. WIND INSTRUMENT CLASS. (1 hr.)

A practical course in playing of woodwind, brass and percussion instruments. Elementary technique and use in ensemble playing. The class meets two hours each week.

Hours to be arranged.

Mr. ———

25-26. STRING INSTRUMENT CLASS. (1 hr.)

A practical course in the playing of violin, viola, violincello, and bass. Elementary technique and use in ensemble playing. The class meets two hours each week.

Hours to be arranged.

Mr. ———

NOTE: Only twelve semester hours of academic work in Applied Music can be applied toward meeting the minimum requirements for the baccalaureate degree.

DEGREES CONFERRED IN COURSE

On June 9, 1941

BACHELOR OF ARTS

Summa Cum Laude

Myfanwy Strain

Magna Cum Laude

Raymond Simmons

Cum Laude

Sandra Abrams

June Fiess

William Laird

Rite

Wayne Burdue
Helen Cluss
Thomas Cullison
Bert Decker
Alan Dowler
Jane Edmunds
Norman Fair
Louise Gettys
Marguerite Geyer
Thomas Grim
Dorothy Jackson
Richard Jackson
Betty Jane Jolliffe
Scott Kaler
Walter Kuhns
Katherine Leitch
Edward Machamer

Lyle Mayne
John Morrill
Milton Parker
David Rodefer
William Rutter
James W. Ryan
Betty Jeanne Schuller
Arthur Sheets
Jean Short
Harold Taylor
Richard Wells
William Wells
Joseph White
Norris Whitlock
Dorothy Winfield
Darrell Wolfe
Virginia Wood

BACHELOR OF SCIENCE

Cum Laude

Peter Johnson

Rite

Alvin Cain
Joseph Caliguiri
Charles Cormany
Chester Gordon
Lester Raub

Donald Rosensteele
Robert Rupp
Cloud Rutter
James Stoner

HONORARY DEGREES CONFERRED

On June 9, 1941

DOCTOR OF DIVINITY

Mr. Ray O. Miller, Los Angeles, California
Mr. John A. Tate, Richmond, Virginia

DOCTOR OF LAWS

Mr. Herbert E. Hawkes, New York, New York
Mr. Crispin Oglebay, Cleveland, Ohio

SENIORS PASSING COMPREHENSIVE EXAMINATION
WITH DISTINCTION 1940-1941

Sandra Abrams	English
June Fiess	Music
Chester Gordon	Mathematics
William Laird	History
Lyle Mayne	Biblical Literature
Raymond Simmons	Economics
Myfanwy Strain	English

FELLOWS AND STUDENT ASSISTANTS

1941-1942

SENIOR FELLOWS

Edward Elsasser	History
Betty Murphy	Biology
Irvan Roche	Chemistry
Hilda Sarver	Chemistry
Robert Smudski	Biblical Literature

FOREIGN FELLOWS

Victor Cardenas	Lima, Peru
Carlos Jaramillo	Lima, Peru
Jorge Jaramillo	Lima, Peru

STUDENT ASSISTANTS

Gladys Armor	Admissions and Personnel
Arthur Beard	Chemistry
Grace Benedict	Physical Education
Robert Bullard	Chemistry
George Callendine	Physics and Mathematics
Wilbur Cramblet	Physics and Mathematics
George Davis	History
Janice Evans	Physical Education
Gerald Ferguson	Music
Robert Fritz	Physics and Mathematics
Irving Glassman	Biology
Grace Henkel	Psychology
Donald Hillstrom	Accounting
James Huntsberger	Chemistry
Esther Mackey	Biology
Nellie McIlvain	Journalism
Florence Nicholas	English
Raymond Rappaport	Biology
Morrison Ratcliffe	Physical Education
Martin Reiter	Biology
Dorothy Reynolds	Biology
Rosemary Roberts	Modern Languages
Leon Schliff	Biology
Ruth Schwartz	English
Gordon Seidel	History
Raymond Sheline	Chemistry
Harold Siegelbaum	Chemistry
Phyllis Skilton	English
Margaret Stein	English
Jeanne Styer	Physical Education

Richard Umbel	Chemistry
Julia Wakefield	Cooperative Study (Education)
Jane Walls	Education
Helenmae Weinik	Psychology
Elizabeth White	Economics and Sociology

ROSTER OF STUDENTS

1941-1942

SENIORS—CLASS OF 1942

Achterman, Eleanor	216	N. Ninth St., Stroudsburg, Pa.
Archer, Sue Beth	924	Timberland Ave., Pittsburgh, Pa.
Armor, Gladys	617	E. Sixth Ave., Tarentum, Pa.
Balch, Phyllis		Allegheny Road, Box 547, Follansbee, W.Va.
Blank, Harold	1547	Bryson St., Youngstown, Ohio
Bowers, Paul		Washington Pike, R.F.D. 1, Wellsburg, W.Va.
Campbell, Jane	201	Clark St., Toronto, Ohio
Costanza, John	8	West Sixth St., Oil City, Pa.
Cramblet, Wilbur		Bethany, W.Va.
Davis, George	703	S. Oakland Ave., Sharon, Pa.
Dvorak, Frances	314	S. Harvey Ave., Oak Park, Ill.
Elsasser, Edward	339	E. 57th St., New York, N.Y.
Ersline, Mildred	145	Chesapeake Ave. S.W., Washington, D.C.
Evans, Janice	615	Gormley Ave., Carnegie, Pa.
Golden, Edward	2201	Richland Ave., Wheeling, W.Va.
Griffiths, William	1325	Boyce Ave., Wellsville, Ohio
Halter, Ruth	2110	Warwood Ave., Wheeling, W.Va.
Henkel, Grace	324	Clairton Road, Pittsburgh, Pa.
Henry, Robb		Galley St., Dawson, Pa.
Huntsberger, James	108	N. Sixth St., Reading, Pa.
Major, Bertram	1432	Hildreth Ave., Wheeling, W.Va.
Mayor, Wallace	425	National Road, Fulton, Wheeling, W.Va.
Moser, Ruth		Liberty St., Smithfield, Pa.
Murphy, Betty	6365	Monitor St., Pittsburgh, Pa.
Nicholas, Florence	201	Terrace Ave., Washington, Pa.
Pendleton, Lily	55	Oleander St., West Springfield, Mass.
Pryor, Ralph	116	N. 16th St., Wheeling, W.Va.
Ratcliffe, Morrison		Beech Bottom, W.Va.
Reiter, Martin	709	Center St., Tarentum, Pa.
Reynolds, Dorothy	1242	Oregon Ave., Steubenville, Ohio
Roberts, Rosemary	3806	V St. S.E., Washington, D.C.
Roche, Irvan	439	Marietta Place, Mt. Lebanon, Pa.
Sarver, Hilda	155	Maple St., Mercer, Pa.
Schliff, Leon	72	Melbourne Ter., Waterbury, Conn.
Schott, Joanne	515	Horner Ave., Clarksburg, W.Va.
Schutt, Barbara	6346	McCallum St., Germantown, Pa.
Schwartz, Ruth	815	Norwich Ave., Pittsburgh, Pa.
Seidel, Gordon	1240	First Ave., Arbutus, Md.
Siemon, William	147	Scout Ave., Pittsburgh, Pa.
Simeral, John	1130	Hiland Ave., Corapolis, Pa.
Skilton, Phyllis		Strong Ter., Winsted, Conn.
Smith, Flora Jane	1701	Main St., Wellsburg, W.Va.
Smudski, Robert	205	Spring St., Greensburg, Pa.

Sprouse, Eleanor	208	Grant St., Newell, W.Va.
Stein, Margaret	156	Kruger St., Elm Grove, W.Va.
Stophel, William	1149	Summit St., McKeesport, Pa.
Wakefield, Julia	215	Yale St., Harrisburg, Pa.
Waterhouse, Eleanor	133	Edgewood St., Wheeling, W.Va.
Weinik, Helenmae	95	Christopher St., New York, N.Y.
Weir, Mary Jean	145	Station St., McDonald, Pa.
White, Elizabeth		Bethany, W.Va.

JUNIORS—CLASS OF 1943

Albee, George	517	Brussels St., St. Marys, Pa.
Bannen, William	223	Isabella St., Oakmont, Pa.
Benedict, Grace	614	Marshall St., McMechen, W.Va.
Bonessi, Angeline	448	Carolina Ave., Chester, W.Va.
Borden, Gwendolyn	305	E. Burgess St., Mt. Vernon, Ohio
Burbridge, Ralph	102	Euclid Ave., Dravosburg, Pa.
Callendine, George	20	N. Front St., Wheeling, W.Va.
Carnahan, Susan		Fifth St., Newell, W.Va.
Cerveris, Albert	3044	Windermere Ave., Dormont, Pa.
Cluss, Charles	15	Eggleston St., Uniontown, Pa.
Conn, Archie		R.F.D. 1, Point Marion, Pa.
Cooper, Janice	714	Roselawn Ave., Mt. Lebanon, Pa.
Cramblet, Joan		Bethany, W.Va.
Crawford, June		R.F.D. 2, Bridgeville, Pa.
Daniel, Angelo	35	26th St., Wheeling, W.Va.
Davis, Robert	12	Southwoods Lane, Scarsdale, N.Y.
Deer, Lewis	717	Sherwood Ave., Pittsburgh, Pa.
Douglass, Jane	445	Florida Ave., Chester, W.Va.
Drake, Kate Anna	240	N. Franklin St., Washington, Pa.
Dunn, Neal	718	Catawba St., Martins Ferry, Ohio
Ehinger, Margaret	92	Parkwood Ave., Kenmore, N.Y.
Eidemiller, Faith	723	Harden Dr., Pittsburgh, Pa.
Ferguson, Gerald	3661	Beaumont Dr., Hollidays Cove, W.Va.
Gelof, Sara	300	E. Fourth St., Wilmington, Del.
Glassman, Irving	165	Center St., West Haven, Conn.
Hanes, Ethel	526	Second St., Brownsville, Pa.
Harris, Edward	91	Eaton St., Buffalo, N.Y.
Hawkins, James		R.F.D. 1, Waynesburg, Pa.
Hillstrom, Donald	2002	Duquesne Ave., McKeesport, Pa.
Hunger, Joseph	36	Main St., Point Marion, Pa.
Huntsberger, David	108	N. Sixth St., Reading, Pa.
Johnson, Harold		R.F.D. 4, Elm Grove, W.Va.
Keckley, Eugene		R.F.D. 1, Granville, Ohio
Keppel, John	419	Erie St., Wheeling, W.Va.
Loper, William	154	N. 20th St., Warwood, W.Va.
Mackey, Esther	139	Harvard Ave., Elyria, Ohio
McCord, John		R.F.D. 2, Wellsburg, W.Va.

McHarg, Marion	170	Virginia St., Hillside, N.J.
McIlvain, Nellie	21	Fifth St., McMechen, W.Va.
McIntyre, Betty	321	Hartland Ave., Clarksburg, W.Va.
Medick, John	2412	Chapline St., Wheeling, W.Va.
Moore, Stewart	110	N. Front St., Wheeling, W.Va.
Myers, Walter		Snug Harbor, Steubenville, Ohio
Neil, Lenore	24	Summit St., Willoughby, Ohio
Neumann, William	141	N. 21st St., Wheeling, W.Va.
Purdum, Janice	310	N. Bluff St., Butler, Pa.
Roberts, Richard		Bethany, W.Va.
Schulenberg, Charles	200	Whitely St., Bridgeport, Ohio
Sesler, Mary Louise	308	Morgantown St., Uniontown, Pa.
Sheline, Raymond	3738	Stannard Dr., Toledo, Ohio
Shlickerman, Leo	957	W. Delavan Ave., Buffalo, N.Y.
Siegelbaum, Harold	2707	Creston Ave., New York, N.Y.
Sitock, George	53	Buffington St., New Salem, Pa.
Smith, Mariah		Bolenge, D.C.C.M., Congo Belge, Africa
Smith, Mary Lulu		Bolenge, D.C.C.M., Congo Belge, Africa
Steinman, Sanford	714	W. 181st St., New York, N.Y.
Swearingen, Alfred	3073	Pinehurst Ave., Dormont, Pa.
Umbel, Richard	59	Gilmore St., Uniontown, Pa.
Wallace, Richard	305	Winter Ave., New Castle, Pa.
Wells, Donald		Bethany, W.Va.
White, William		Claysville, Pa.
Williamson, Jane	721	Washington Ave., Carnegie, Pa.
Willoschat, Ardath	275	E. Euclid St., Valley Stream, N.Y.
Wilson, Harry	217	Hazel Dr., Pittsburgh, Pa.
Wolf, Don	1504	Hildreth Ave., Wheeling, W.Va.

SOPHOMORES—CLASS OF 1944

Abel, Margaret	441	Elwyn Ave., Springdale, Pa.
Addleman, Betty		R.F.D. 2, Marianna, Pa.
Albrecht, Frederick	1620	Vance Ave., Corapolis, Pa.
Alexander, Robert	400	Woodlawn Ave., Buffalo, N.Y.
Babicz, Pauline	149	N. Seventh St., Steubenville, Ohio
Barnes, James	104	Second Ave., Sharon, Pa.
Bass, Gloria	1222	Pacific St., Brooklyn, N.Y.
Baumgartner, Jack	432	S. Sixth St., Clarksburg, W.Va.
Baxter, Evelyn	1124	Wisconsin Ave., Dormont, Pa.
Beard, Arthur	32	N. Front St., Wheeling, W.Va.
Belknap, Jean	301	N. Walnut St., St. Marys, Ohio
Bishop, Ellajane	4328	Birchwood Ave., Ashtabula, Ohio
Blanck, Margaret	687	Oradell Ave., Oradell, N.J.
Bower, Mary Lou	482	Colbert Ave., Oil City, Pa.
Boyd, Donald		Spring Valley Rd., Huntington, W.Va.
Brinkworth, Donald	914	Vickroy Ave., Johnstown, Pa.
Brown, Stanley	1318	Centennial St., McKeesport, Pa.

Bullard, Robert	114	Wheeling Ave., Elm Grove, W.Va.
Burke, Anna Laura	315	Sycamore St., Pittsburgh, Pa.
Campbell, Marjorie		R.F.D. 1, Library, Pa.
Carlisle, William	514	Superior St., Port Huron, Mich.
Colan, Richard	201	Second Ave., South Charleston, W.Va.
Committe, Thomas	124	Columbia Ave., Elm Grove, W.Va.
Connell, Robert	4103	Adena St., Hollidays Cove, W.Va.
Donics, Frank	1524	W. North Ave. N.S., Pittsburgh, Pa.
Dowler, William	142	N. 18th St., Wheeling, W.Va.
Downes, Virginia	227	Holland Ave., Braddock, Pa.
Drum, James		R.F.D. 4, Wheeling, W.Va.
Duff, James	515	N. Front St., Wheeling, W.Va.
Eggiman, Magdalene	425	43rd St., Bellaire, Ohio
Elder, Elizabeth	309	Front St., Brownsville, Pa.
Foy, Charles	15	Division St., Crafton, Pa.
Freebairn, Alonzo	1504	Woodland Ave. N.S., Pittsburgh, Pa.
Fritz, Robert	22	Laurel Ave., Wheeling, W.Va.
Gilmore, Eleanor	529	Main St., Wheeling, W.Va.
Goe, Jean	230	S. Eighth St., Connellsville, Pa.
Golbey, Robert	253	Stuyvesant Ave., Brooklyn, N.Y.
Goodwin, Jeanne	1422	Broadview Blvd., Brackenridge, Pa.
Halley, William	820	Sixth St., Elizabeth, Pa.
Hanes, Marjorie	15113	Marshfield Ave., Harvey, Ill.
Harvey, Patricia	14	Ridge Circle, Manhasset, N.Y.
Heckel, Roy	114	Bonvue St., Pittsburgh, Pa.
Helfer, Mary Jane		Hiram, Ohio
Henderson, Byron		Waynesburg Pike, Moundsville, W.Va.
Hendrickson, Phyllis	2407	Meadowwood Dr., Toledo, Ohio
Herrick, Theodore	27671	Lake Shore Blvd., Euclid, Ohio
Hockensmith, Richard	651	Highland Ave., Johnstown, Pa.
Hood, Betty Lue	401	Castle Shannon Rd., Pittsburgh, Pa.
Hottel, William	329	Cedar Ave., Steubenville, Ohio
Hudak, John	610	Federal St., McKees Rocks, Pa.
Huhn, Charles		Liberty St., Smithfield, Pa.
Hunter, Marjorie	1016	Maple St., Natrona Heights, Pa.
Husband, Robert	624	Cliff Ave., Bellevue, Pa.
Hutchison, Irene	666	Liberty Ave., Carnegie, Pa.
Jassen, Irene	47	Pratt St., Winsted, Conn.
Jones, Evelyn		Bethany, W.Va.
Keylor, Lavelle	1049	Cherry St., Wheeling, W.Va.
Kramer, Donald	130	Overbrook Dr., Mt. Lebanon, Pa.
Kurtz, Raymond	7	W. 96th St., New York, N.Y.
LaBarre, Joseph	1800	Main St., Wellsburg, W.Va.
Lammert, Harry	210	Edward Ave., Mt. Lebanon, Pa.
Land, Jane	510	Grove St., Sewickley, Pa.
Lanham, Paul	1721	Covert St., Parkersburg, W.Va.
LeStrange, Raymond	60-72	Madison St., Ridgewood, N.Y.
Linn, Jane	228	Academy Ave., Mt. Lebanon, Pa.

Linn, Lois	228 Academy Ave., Mt. Lebanon, Pa.
Lohmann, William	Commercial St., Mingo Junction, Ohio
Love, Bette Grace	340 Allison Ave., Washington, Pa.
MacLeod, Jean	231 S. Fourth St., Steubenville, Ohio
Michael, Anna	3549 86th St., Jackson Heights, N.Y.
Monczynski, Bernice	Ransom Rd., Clarence, N.Y.
Murphy, Creighton	R.F.D. 9, Chalmers Pl., Pittsburgh, Pa.
Murphy, Harry	R.F.D. 9, Chalmers Pl., Pittsburgh, Pa.
Osserman, Freda	75 Fort Washington, New York
Otto, Thomas	516 Market St., Wheeling, W.Va.
Plank, Betsy Ann	3429 Meadowcroft Ave., Pittsburgh, Pa.
Pletz, Clayton	478 Reno St., Rochester, Pa.
Previte, Joseph	25-25 94th St., Jackson Heights, N.Y.
Ralston, Dorothy	908½ Trenton St., Toronto, Ohio
Rappaport, Raymond	79 Maple St., Maplewood, N.J.
Reed, Mary Helen	258 Kruger St., Elm Grove, W.Va.
Ritchey, Glenn	Loysburg, Pa.
Rutherford, Ruth	Fayette City, Pa.
Sawyer, William	1452 W. Market St., Steubenville, Ohio
Sebring, Nancy	189 Mohawk Dr., Mt. Lebanon, Pa.
Sembower, James	30 Oakland Ave., Uniontown, Pa.
Shaffer, Betty	473 Carnegie Dr., Pittsburgh, Pa.
Simpson, Jessie	105 S. Stone Ave., LaGrange, Ill.
Smith, Mary Elizabeth	16 Graff St., Oil City, Pa.
Stealey, Robert	1102 19th St., Parkersburg, W.Va.
Stewart, Rosemary	402 E. Waldheim Rd., Fox Chapel, Pittsburgh, Pa.
Struble, Mary Aline	302 E. Patterson Ave., Connellsville, Pa.
Stuart, Martha	218 Ingram Ave., Crafton, Pa.
Styer, Jeanne	131 Euclid Ave., Kenmore, N.Y.
Sutton, Robert	511 E. Tenth Ave., Tarentum, Pa.
Sweeney, Edwin	152 Burns St., Forest Hills, N.Y.
Thomas, Frances	Box 189, Russells Point, Ohio
Throckmorton, Eleanor	275 W. Franklin St., Waynesburg, Pa.
Tidwell, Shirley	229 16th St., West New York, N.J.
Trefes, Charles	162 W. Broad St., Westerly, R.I.
Umbel, Jennie	517 E. Murphy Ave., Connellsville, Pa.
Van Strien, Evelyn	111 W. Fifth St., Bayonne, N.J.
Wallace, Peggy	17 Hamilton Ave., Wheeling, W.Va.
Walls, Jane	426 Boyles Ave., New Castle, Pa.
Waterman, Roger	1876 Linwood Ave., Niagara Falls, N.Y.
Weatherwax, Shirley	77 Beverly Rd., Pittsburgh, Pa.
Weimer, John	Bethany, W.Va.
Whetstone, Janet	Forest Ave., Hopwood, Pa.
Wright, Jack L.	290 Park St., Beaver, Pa.
Young, Donald	805 Charles St., Carnegie, Pa.
Young, William	810 Commerce St., Wellsburg, W.Va.
Zingher, Henry	663 Grassmere Ter., Far Rockaway, N.Y.

FRESHMEN—CLASS OF 1945

Addleman, Lenora	R.F.D. 1, Clarksville, Pa.
Alexy, Marie	R.F.D. 1, Washington, Pa.
Alliger, Carol	2 Hill St., Tonawanda, N.Y.
Ancowitz, Arthur	202 W. 179th St., New York, N.Y.
Anderson, Patricia	717 Chestnut St., Irwin, Pa.
Appleby, Lois	1066 Huston Ave., East Liverpool, Ohio
Balling, Wayne	226 N. Gallatin Ave., Uniontown, Pa.
Balster, Yvonne	357 Overbrook Blvd., Pittsburgh, Pa.
Bannen, Elizabeth	223 Isabella St., Oakmont, Pa.
Bardenheier, Arthur	R.F.D. 9, Pittsburgh, Pa.
Barnes, Beverly	2118 Commerce St., Wellsburg, W.Va.
Barton, Jesse	423 Elm St., Martins Ferry, Ohio
Bartram, George	230 Grant St., Houston, Pa.
Benjamin, Marguerite	207 Washington Ave., Vandergrift, Pa.
Blanchfill, Mary	Pine Grove, W.Va.
Bright, Dorothy	15611 Walden Ave., Cleveland, Ohio
Brooks, Gladys	602 Edna Ave., Connellsville, Pa.
Browne, Charles	46 Caryl Ave., Yonkers, N.Y.
Bruhn, Robert	Parkview Lane, Elm Grove, W.Va.
Buccieri, Mary Frances	900 Brookline Blvd., Pittsburgh, Pa.
Buchholtz, Leatrice	347 Pine St., Bridgeport, Conn.
Burton, Foster	Burkham Ct., Elm Grove, W.Va.
Calahan, Nancy	203 13th St., Parkersburg, W.Va.
Cameron, Jean	53 Clayton Ave., Waynesboro, Pa.
Cameron, Lee	300 E. Lincoln Ave., McDonald, Pa.
Carstensen, Harold	3541 Douglas Rd., Toledo, Ohio
Cavanaugh, Catherine	12963 Clifton Blvd., Lakewood, Ohio
Cederquist, Patricia	2008 E. 44th St., Ashtabula, Ohio
Chapman, Barbara	605 Freeport Rd., New Kensington, Pa.
Coble, John	324 W. Main St., Uniontown, Pa.
Colton, Helen	360 Murray Ave., Bridgeville, Pa.
Culley, Marian	618 Hawthorne Ave., Kittanning, Pa.
Cunningham, Merle	Railroad St., West Brownsville, Pa.
Cusmano, Anthony	41 Jefferson St., Brooklyn, N.Y.
Dardarian, Martha	519 Fourth St., Niagara Falls, N.Y.
Day, James	R.F.D. 1, Riley Rd., Wheeling, W.Va.
DeFede, Anton	1425 Commerce St., Wellsburg, W.Va.
Douglass, Ann	445 Florida Ave., Chester, W.Va.
Dumbaugh, William	3904 Palisade Dr., Hollidays Cove, W.Va.
Dunn, Hewitt	104 Commonwealth Ave., Ingleside, Norfolk, Va.
Epler, John	9236 245th St., Bellerose, N.Y.
Esker, John	352 Fifth St., Elyria, Ohio
Faulds, Rose Mary	308 Murphy Ave., Steubenville, Ohio
Federman, Betty	22 Cooper Pl., Weehawken, N.J.
Fenati, Mary Lou	339 Laurel Blvd., New Castle, Pa.
Fiess, Lee	Fourth St., New Martinsville, W.Va.

Finley, James	Green's Addition, Brilliant, Ohio
Fisher, Francis	144 Alexander Ave., Greensburg, Pa.
Fizer, Bettie	277 Rodney Ave., Buffalo, N.Y.
Fletcher, Eleanor	601 Ridge Ave., New Kensington, Pa.
Flint, Janet	Martha Rd., Harrington Park, N.J.
Ford, Charles	521 N. River Ave., Toronto, Ohio
Forry, Virginia	1015 Fordham Ave., Pittsburgh, Pa.
Fowler, Glen	Grantsville, W.Va.
Francis, Isabelle	98 Windsor Rd., Tenafly, N.J.
Ganz, Rita	8201 19th Ave., Brooklyn, N.Y.
Gay, Charlotte	Bethany, W.Va.
Geenan, Carl	521 Race St., Connellsville, Pa.
Gillespie, Gladys	3230 Benson Ave., Pittsburgh, Pa.
Gillespie, Marilyn	3230 Benson Ave., Pittsburgh, Pa.
Graham, Effin	358 Morgantown St., Uniontown, Pa.
Graybill, Miriam	424 19th St., Massillon, Ohio
Green, Dorothy	107 15th St. S.W., Massillon, Ohio
Greggs, Florence	1050 Eastern Pkwy., Louisville, Ky.
Greiper, Myron	2388 Creston Ave., New York, N.Y.
Gudgel, Edward	2771 Delaware Ave., Kenmore, N.Y.
Harrington, Nancy	Pleasant Ave., Hamburg, N.Y.
Harris, Raymond	629 Longfellow St. N.W., Washington, D.C.
Hart, Thomas	537 Tenth St., Niagara Falls, N.Y.
Hassner, Charles	730 Fifth St., New Martinsville, W.Va.
Henderson, Charlotte	2126 Chapline St., Wheeling, W.Va.
Henderson, Marie	Grindstone, Pa.
Henne, Wilma	343 15th St. N.W., Canton, Ohio
Henry, Kenneth	606 Main St., Bridgeport, Ohio
Hinkle, Elynor	205 Worley Ave., Clarksburg, W.Va.
Hirsch, Richard	21 Decker Ave., Elizabeth, N.J.
Hoak, George	146 61st St., Niagara Falls, N.Y.
Hood, Doris	1313 Main St., Follansbee, W.Va.
Houghton, Gleneva	529 Bigelow St., Pittsburgh, Pa.
Hudson, Robert	131 Alwine Ave., Greensburg, Pa.
Hueston, Robert	Savannah, N.Y.
Humbert, William	603 E. Chestnut St., Mt. Vernon, Ohio
Humphrey, Janet	13300 Hazelwood, Lakewood, Ohio
Johnson, Frances	24 Robinson St., Uniontown, Pa.
Johnston, Eunice	13613 Cormere Rd., Cleveland, Ohio
Jones, Betty	51 LaSalle Ave., Kenmore, N.Y.
Jones, John	184 River St., Madison, Ohio
Jordan, Jeanne	720 Valley View Rd., Mt. Lebanon, Pa.
Joseph, Virginia	121 St. James Pl., Buffalo, N.Y.
Judy, Ruth	120 Bell Ave., Dover, Ohio
Kaiser, Doris	537 Palissey St., East Liverpool, Ohio
Kaiser, Robert	1504 Warwood Ave., Wheeling, W.Va.
Keenan, Thomas	10 Bae Mar Pl., Wheeling, W.Va.
Keiser, Lois	Lake Lynn, Pa.

Keith, Wilfred	270	Charles St., New Kensington, Pa.
Kerr, Lemma	54	W. Hunter St., Logan, Ohio
Keyser, Anna		R.F.D. 2, Bellaire, Ohio
Kimble, Wayne	332	Pike St., New Martinsville, W.Va.
Kohan, Sheldon	4600	Ninth Ave., Brooklyn, N.Y.
Koval, Erwin	3322	Cambria St., Homestead Park, Pa.
Lancaster, LaReva	7506	Church Ave., Ben Avon, Pa.
Landgrebe, Elaine	1857	Burnette Ave., East Cleveland, Ohio
Laughner, Eugene	1025	Indiana Ave., Monaca, Pa.
Long, Ruth	22350	Lakemont Ave., Euclid, Ohio
Long, Thelma	1344	Oak Grove Ave., Steubenville, Ohio
Lowery, Earl	308	E. Patterson Ave., Connellsville, Pa.
MacDougall, Jack	210	Norwalk Ave., Buffalo, N.Y.
MacPherson, James	1601	Main St., Wellsburg, W.Va.
Magdovitz, Benjamin	508	W. Second St., Oil City, Pa.
Matheny, Jeanne	6	Winchell Ave., Uniontown, Pa.
McCandless, Esther	232	Poplar Ave., New Cumberland, Pa.
McCarnes, Mary	330	Jefferson Ave., McDonald, Pa.
McCracken, Esther	112	Pennsylvania Ave., Cameron, W.Va.
McCracken, Robert		R.F.D. 1, Bridgeville, Pa.
McCutcheon, Sam	31	Interstate Pkwy., Bradford, Pa.
Metzger, Julie	70	Croft Ter., New Rochelle, N.Y.
Middleton, Thomas	303	Pine St., New Castle, Pa.
Miller, Richard	309	Indiana Ave., Chester, W.Va.
Mohler, Patricia	324	Oakland Ave., Greensburg, Pa.
Mooney, Wade	1417	Wilson St., McKeesport, Pa.
Morrison, Maxine		Farmington, Pa.
Morrow, Elizabeth	55	Remson St., Brooklyn, N.Y.
Morse, Jean	1249	Franklin Ave., Wilkinsburg, Pa.
Mott, Mildred	105	Tenth Ave., Huntington, W.Va.
Moyers, Emmet		Harrisville, W.Va.
Northrup, George	222	Amanda Ave., Pittsburgh, Pa.
Nunn, Steve		Epperly, W.Va.
Nyswaner, Elizabeth	57	N. Lincoln St., Washington, Pa.
Olander, Leona	516	Sherwood Rd., Wilkinsburg, Pa.
Ott, Reuben	68	St. Johns Ave., Kenmore, N.Y.
Patterson, Mary	191	Casterton Ave., Akron, Ohio
Pike, Albert	284	E. 199th St., New York, N.Y.
Pohle, George	24	Barry Rd., Scarsdale, N.Y.
Pudlin, Audrey	1705	Caton Ave., Brooklyn, N.Y.
Puglisi, Anthony	55	Underhill St., Tuckahoe, N.Y.
Reed, Edgar	1230	Main St., Follansbee, W.Va.
Rensch, Dorothy		R.F.D. 1, Library, Pa.
Reske, Betty Ann	3120	Wabash St., Detroit, Mich.
Rhodes, Jean	11	Ravine Rd., Tenaflly, N.J.
Ridenour, James		Chestnut Hill, East Aurora, N.Y.
Rinderman, Gladys	17	Stonehenge Rd., Rockville Center, N.Y.

Rodefer, Charles	102 N. Porter St., Waynesburg, Pa.
Rowe, Nancy	715 Parkside Ave., Buffalo, N.Y.
Runk, Robert	Forrest Ave., Bradford Woods, Pa.
Ryan, Joan	59 Bay View Ave., Lawrence, N.Y.
Rylander, Jean	Country Club Rd., Fairmont, W.Va.
Sabol, Evelyn	3050 Orchard St., Weirton, W.Va.
Savage, David	1416 Carnegie Ave., McKeesport, Pa.
Schiferle, Ruth	109 Crosby Ave., Kenmore, N.Y.
Schmeichel, Gertrude	7125 Thomas Blvd., Pittsburgh, Pa.
Seligman, Ann	16 Huguenot Dr., Larchmont, N.Y.
Sesler, Gladys	439 Braddock Ave., Uniontown, Pa.
Shank, Earl	408 Penn St., Connellsville, Pa.
Shervington, Jeanne	252-35 Leeds Rd., Little Rock, N.Y.
Shotton, Mildred	50 Occident St., Forest Hills, N.Y.
Skilton, Shirley	Strong Ter., Winsted, Conn.
Sole, John	114 Alexander Ave., Clarksburg, W.Va.
Stewart, Everett	1330 Pocono St., Pittsburgh, Pa.
Strasser, Ruth	Bethany, W.Va.
Stratton, Wilmot	213 Monongahela St., Charleston, W.Va.
Sturman, Jane	914 Summer Pl., Mt. Lebanon, Pa.
Sweeney, Melvin	243 Wills Rd., Connellsville, Pa.
Tate, Ralph	865 Canal St., Beaver, Pa.
Taylor, John	1181 Sunset View Dr., Akron, Ohio
Taylor, Ruth	23 McKinley Ave., Kenmore, N.Y.
Thielke, Ruth	144 Leicester Rd., Kenmore, N.Y.
Thomas, David	74 31st St., Wheeling, W.Va.
Tomasek, Nancy	R.F.D. 4, Box 182B, Uniontown, Pa.
Trench, James	33 Linden St., Uniontown, Pa.
Umbel, Martha	59 Gilmore St., Uniontown, Pa.
Veith, Jean	2319 Hawthorne Ave., Swissvale, Pa.
Watson, John	239 Cornell Ave., Pittsburgh, Pa.
Watson, Richard	22 Winchell Ave., Uniontown, Pa.
Watts, Thomas	11 College St., Poland, Ohio
Waugh, Marilyn	R.F.D. 1, Wellsburg, W.Va.
Weaver, Norma	3244 Orleans St. N.S., Pittsburgh, Pa.
Webster, Ruth	286 Norwalk Ave., Buffalo, N.Y.
Weill, Sydne	543 Potomoc St., Buffalo, N.Y.
Weirich, James	436 16th St. N.E., Massillon, Ohio
Wells, Llewellyn	Ben's Run, W.Va.
White, John	Bethany, W.Va.
Wilkin, Mary	1453 Main St., Wellsburg, W.Va.
Williams, James	1705 11th St. N.E., Massillon, Ohio
Wright, Jack A.	Brookdale Rd., Stamford, Conn.
Wright, Robert	101 Ben Lomont St., Uniontown, Pa.
Young, William M.	2507 Oak St., Parkersburg, W.Va.
Zaworski, Elaine	10806 Grace Ave., Garfield Heights, Ohio
Ziegler, Armand	998 Ogden Ave., New York, N.Y.

UNCLASSIFIED STUDENTS

Bauer, Norma	Bethany, W.Va.
Behymer, Lois	Bethany, W.Va.
Buchanan, Mildred	Bethany, W.Va.
Burgess, Betty Jo	431 W. Jefferson St., Fort Wayne, Ind.
Cardenas, Victor	Pardo 674, Miraflores, Lima, Peru
Carnahan, Gladys	Bethany, W.Va.
Cox, Thomas	53 18th St., Wellsburg, W.Va.
Eley, Pauline	Bethany, W.Va.
Gould, Cassius W.	Bethany, W.Va.
Harrison, John	Bethany, W.Va.
Hicks, Helen	Bethany, W.Va.
Jaramillo, Carlos	Calle Corcovado #465, Lima, Peru
Jaramillo, Jorge	Calle Corcovado #465, Lima, Peru
Olafsdottir, Anne	Mimisvegur 8, Reykjavik, Iceland
Weimer, Margaret	Bethany, W.Va.

ENROLLMENT BY CLASSES

	<i>Men</i>	<i>Women</i>	<i>Total</i>
Seniors	22	29	51
Juniors	41	24	65
Sophomores	57	55	112
Freshmen	85	103	188
Unclassified Students	6	9	15
	<u>211</u>	<u>220</u>	<u>431</u>

ENROLLMENT BY STATES AND FOREIGN COUNTRIES

Africa	2
Connecticut	7
Delaware	1
District of Columbia	2
Iceland	1
Illinois	3
Indiana	1
Kentucky	2
Maryland	1
Massachusetts	1
Michigan	2
New Jersey	10
New York	61
Ohio	54
Pennsylvania	171
Peru	3
Rhode Island	1
Virginia	2
West Virginia	106
Total	<u>431</u>

THE ALUMNI ASSOCIATION OF BETHANY COLLEGE

The Alumni Association of Bethany College had its origin in 1846, six years after the founding of the college, when the members of the first three graduating classes met during the commencement season and organized the "Society of the Alumni of Bethany College." The constitution, drawn up and adopted at that time, remains as one of the interesting historical documents of the college. In later years there was no continuous and active alumni program.

Alumni records and activities are now under the direction of Mr. George C. Hettler, who is the Executive Secretary. In the determination of policies and program the leadership is taken by the Alumni Advisory Council of Bethany College. This council is composed of the officers of the alumni association and representatives from the geographical districts. The alumni office at the college preserves records concerning the activities of alumni, publishes throughout the year several alumni issues of the *Bethany College Bulletin*, assists in the programs of branch associations, and seeks, in various ways to promote alumni activity and interest. All graduates and former students automatically become members of the association when they leave the campus. The association is affiliated with the American Council.

OFFICERS OF THE ALUMNI ASSOCIATION

President Mr. Sidney C. Porter, East Liverpool, Ohio
 Secretary Mr. George C. Hettler, Bethany, W.Va.
 President of Alumni Advisory Council . Mr. Sidney C. Porter, East Liverpool, Ohio

BRANCH ASSOCIATIONS

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President: Mr. Malcolm Rush
 Vice President: Mr. Nelson H. Myers
 Secretary: Mrs. E. B. Huffman
 Treasurer: Mrs. H. R. Stevenson

Beaver Valley, Pa.

President: Mr. Norman Faulk
 Vice President: Mrs. Roberta C. Holt
 Secretary-Treasurer: Mrs. Katherine S. Cory

Brooke County, W.Va.

President: Mr. Cecil B. Dodd
 Vice President: Mrs. W. S. Wilkin
 Secretary-Treasurer: Mr. M. S. Miller

Buffalo, N.Y.

President: Mr. F. O. Carfer
 Vice President: Mr. James W. Sala
 Secretary-Treasurer: Miss Martha Jane Carfer

Cleveland and Northern Ohio

President: Dr. C. C. Francis
 Vice President: Mr. Daniel J. LaPorte

Secretary: Miss Gayle James
Treasurer: Mr. Paul Miley

Columbus, Ohio

President: Mr. Frank G. Helme
Vice President: Mr. A. E. Besancon
Secretary-Treasurer: Mr. Nelson Ward
Associate: Mrs. Walter Lacock

Greene County, Pa.

President: Mr. O. A. Rodefer
Vice President: Mr. A. J. Marion
Secretary-Treasurer: Miss Marjorie Aldrich

New York, N.Y.

President: Mr. F. Gardner Peene
Vice President: Mr. Ellsworth Richardson
Secretary-Treasurer: Mr. Roy O. Price

Pittsburgh, Pa.

President: Mr. Emerson G. Hess, Jr.
Vice President: Miss Mary K. Stroman
Secretary-Treasurer: Miss Emily K. Jones

Pittsburgh-Bethany College Club

President: Miss Mary K. Stroman
Secretary-Treasurer: Miss Emily K. Jones

Steubenville, Ohio

President: Mr. James W. Hamill
Vice President: Mr. Michael Kearns
Secretary-Treasurer: Miss Lillian Tarr
Co-chairman: Mrs. Frances Borden Tarr

Uniontown, Pa.

President: Mr. Arden F. Hanes

Wheeling, W.Va.

President: Mr. Robert Roe
Secretary-Treasurer: Miss Mary Jane Hare

Youngstown-Warren

President: Mr. George T. Phelps
Vice President: Miss Ruth Erskine
Secretary-Treasurer: Mrs. David L. Prosser

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BEQUESTS

Gifts to the college may take the form of lectureships, of scholarships, of professorships, of additions to the material equipment, or of contributions to the permanent endowment fund or the current expense fund of the college. Special conditions may, of course, be attached to any gift. Forms of bequests are suggested as follows:

A. UNRESTRICTED BEQUEST

I give, devise, and bequeath to the Trustees of the Bethany College, a corporation established by law at Bethany in the Commonwealth of West Virginia, the sum of dollars, to be applied to the general uses and purposes of the said institution.

B. UNRESTRICTED BEQUEST MAKING THE COLLEGE RESIDUARY LEGATEE

All the rest, residue, and remainder of my estate, real and personal, I devise and bequeath to the Trustees of the Bethany College, a corporation established by law at Bethany in the Commonwealth of West Virginia, to be applied to the general uses and purposes of the said institution.

C. BEQUEST FOR ENDOWMENT

I give, devise, and bequeath to the Trustees of the Bethany College, a corporation established by law at Bethany in the Commonwealth of West Virginia, the sum of dollars to be invested and preserved inviolably for the endowment of Bethany College.

Bethany College Bulletin



CATALOGUE NUMBER

1943 - 1944

BETHANY • WEST VIRGINIA

BETHANY COLLEGE BULLETIN

Vol. XXXVI March, 1943 No. 3

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CATALOGUE

1943 - 1944

Statement
of
History, Purpose, and Program
at
Bethany College
Bethany, West Virginia
with
Curricular Announcements
for
1943-1944

IMPORTANT NOTICE

The information contained in this catalogue is presented with the understanding that courses, teaching personnel, requirements, schedules of opening and closing of sessions, holidays, expenses, etc., will be subject to whatever revisions the present war emergency may make necessary or appropriate.

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ACADEMIC RECOGNITION

Bethany College is on the approved list of colleges of the Association of American Universities. By virtue of this approval the baccalaureate degree from Bethany College is recognized for admission to graduate study in this country and abroad.

Bethany College is accredited by the North Central Association of Colleges and Secondary Schools as a degree granting institution.

Bethany College is a member in good standing of the Association of American Colleges and the American Council on Education.

Bethany College is recognized by various state departments of education as an institution for the training of teachers, and is in good standing with the American Association of University Professors.

Women graduates of Bethany College are eligible to membership in the American Association of University Women. Membership in the American Association carries with it membership in the International Federation of University Women.

CALENDAR

1943

SPRING SEMESTER

January 28, Friday—Registration for Second Semester
March 25, Thursday—Mid-semester grade reports
March 25, Thursday—12:00 noon, Spring recess begins
March 30, Tuesday—8:00 A.M., Spring recess ends
May 3, Friday—Reading period for seniors begins
May 9, Sunday—Mother's Day
May 14 and 15, Friday and Saturday—Senior Comprehensive Examinations
May 17 to 21, Monday to Friday—Second Semester Examinations
May 22, Saturday—Annual Meeting of the Board of Trustees
May 23, Sunday—One hundred and second Annual Commencement
10:30 A.M.—Baccalaureate Service
3:00 P.M.—Graduation Exercises
4:30 P.M.—President's Reception

SUMMER TERM

June 15 and 16, Tuesday and Wednesday—Freshman Days
June 16, Wednesday afternoon—Registration for summer term
June 17, Thursday—8:00 A.M., Classes begin for summer term
July 4, Sunday—The Fourth of July
July 28, Wednesday—End of first half of summer term
July 28, Wednesday—Registration for second half of summer term
July 29, Thursday—Classes begin for second half of summer term
September 7, Tuesday—End of summer term

FALL SEMESTER

September 13, Monday—Faculty Seminar
September 14 and 15, Tuesday and Wednesday—Freshman Days
September 16, Thursday—Registration
September 17, Friday—Classes begin
November 25, Thursday—Thanksgiving, a college holiday

1944

January 24 to 27, Monday to Thursday—First semester examinations
January 27, Thursday—Registration for second semester
January 28, Friday—Classes begin
May 21, Sunday—Annual Commencement

A complete calendar of events for the year 1943-1944 will be announced at a later date. This is necessary because of uncertainty as to the requirements of national defense, and the accelerated educational program.

BOARD OF TRUSTEES

TERM EXPIRES JUNE, 1945

THOMAS W. PHILLIPS, JR.	Butler, Pa.
JOHN M. SMITH	Radio Corporation of America, Camden, N.J.
R. A. BALDERSON	Farmers Nat'l Bank Bldg., Pittsburgh, Pa.
JOHN MARSHALL	Union Trust Bldg., Washington, D.C.
FRANK J. KENT	233 Broadway, New York, N.Y.
ROBERT D. HURL	Shelby, Ohio
DANIEL F. MULLANE	202 Kenneth Ave., Greensburg, Pa.

TERM EXPIRES JUNE, 1944

W. H. FIELDS	843 Main St., Wheeling, W.Va.
W. W. VAN HORN	Shelby, Ohio
ARGYLE CAMPBELL	Box D, San Clemente, Calif.
W. S. WILKIN	Wellsburg, W.Va.
MISS IDA M. IRVIN	Big Run, Pa.
F. O. CARFER	50 Lincoln Blvd., Kenmore, N.Y.
DR. R. R. RENNER	12825 Euclid Ave., Cleveland, Ohio
H. O. EVANS	Oliver Bldg., Pittsburgh, Pa.
SIDNEY C. PORTER	East Liverpool, Ohio

TERM EXPIRES JUNE, 1943

HON. BENNETT CHAMP CLARK	Senate Office Bldg., Washington, D.C.
GEORGE A. WADDLE	Akron, Ohio
BEN W. IRVIN	Big Run, Pa.
*HERSCHEL C. OGDEN	c/o Wheeling Intelligencer, Wheeling, W.Va.
S. J. RENO	151 Oneida St., Pittsburgh, Pa.
J. C. MORRIS	Shelby, Ohio
ALFRED E. WRIGHT	302 Fayette Title and Trust Bldg., Uniontown, Pa.
DR. J. PARKE McMULLEN	Wellsburg, W.Va.
JAMES H. R. CROMWELL	1600 Eye St., N.W., Washington, D.C.
FRANK M. HESSE	Grant Bldg., Pittsburgh, Pa.

* Deceased January 31, 1943

Faculty Representative for 1943-1944: Florence M. Hoagland

OFFICERS OF THE BOARD

W. S. WILKIN, *Chairman*

W. H. CRAMBLET, *President and Treasurer*

N. W. EVANS, *Secretary*

COMMITTEES OF THE BOARD

EXECUTIVE:

Mr. Wilkin, Mr. Campbell, Dr. McMullen, Mr. Phillips, Mr. Van Horn,
Mr. Wright, Mr. Hesse, Mr. Porter, Mr. Mullane, Mr. Hurl.
Mr. F. H. KIRKPATRICK, *Secretary*

ALUMNI COOPERATION:

Mr. Carfer, Mr. Smith, Mr. Hesse, Mr. Porter.

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Mr. Phillips, Mr. Campbell, Mr. Hurl, Mr. Porter.

CHURCH COOPERATION:

Mr. Morris, Miss Irvin, Mr. Carfer.

FINANCE AND BUDGET:

Dr. McMullen, Mr. Van Horn, Mr. Wright, Mr. Wilkin, Mr. Mullane.

INVESTMENT:

Mr. Wright, President Cramblet.

LIBRARY:

Dr. Renner, Mr. Evans, Mr. Reno.

NOMINATIONS:

Mr. Marshall, Mr. Morris, Dr. McMullen.

STUDENT WELFARE:

Mr. Hurl, Mr. Cromwell, Mr. Marshall, Dr. Renner, Mr. Mullane.

OFFICERS OF ADMINISTRATION

WILBUR HAVERFIELD CRAMBLET	<i>President of the College</i>
WILLIAM KIRK WOOLERY	<i>Provost</i>
BERNAL ROBINSON WEIMER	<i>Dean of the Faculty</i>
*FORREST HUNTER KIRKPATRICK	<i>Dean of Students</i>
FLORENCE MARIAN HOAGLAND	<i>Academic Adviser for Women</i>
EDGAR HUGH BEHYMER	<i>Librarian</i>
NEWTON WALLACE EVANS	<i>Bursar</i>
GEORGE CARL HETTLER	<i>Executive Secretary</i>
CHARLES CLIFFORD BARLOW	<i>Director of Admissions</i>
EDGAR WADE MAHAN, M.D.	<i>College Physician</i>
MARGARET CARRIGAN	<i>Social Director</i>

* On leave of absence, in interest of War Production, for personnel work with Radio Corporation of America.

FACULTY OF INSTRUCTION*

WILBUR HAVERFIELD CRAMBLET, *President of the College on the M. M. Cochran Foundation and Professor of Mathematics.* (Professor 1917; President 1934)
A.B., Bethany College; A.M., Ph.D., Yale University.

JEAN CORRODI MOOS, *Professor-Emeritus of Music.* (1897-1934)
College of Music, Zurich; Royal Conservatory of Music, Leipsig; A.M., Mus.D., Bethany College; Oberlin College; Columbia University.

¹ANNA RUTH BOURNE, *Professor-Emerita of English Literature.* (1903-1936)
King's College, University of London; Oxford University; A.B., Bethany College; A.M., Columbia University; University of Poitiers; University of Paris; Litt.D., Bethany College.

HENRY NEWTON MILLER, *Professor-Emeritus of Bible School Pedagogy on the Herbert Moninger Foundation.*
A.B., A.M., Bethany College; Yale University; D.D., Bethany College.

EBENEZER LEE PERRY, *Professor-Emeritus of Latin.* (1908-1939)
A.B., A.M., Bethany College; Yale University; A.M., Columbia University; Litt.D., Bethany College.

PEARL MAHAFFEY, *Professor of Modern Languages.* (1909)
A.B., Miami University; A.M., Columbia University; University of Grenoble; McGill University; University of Paris; Harvard University; Alliance Francaise, Paris.

FRANK ROY GAY, *Professor of Classics.* (1910)
A.B., A.M., Drake University; University of Virginia; A.M., Ph.D., University of Chicago.

ANDREW LEITCH, *Sarah B. Cochran Professor of Philosophy and Psychology.* (1920)
A.B., A.M., Butler College; B.D., Ph.D., Yale University; Columbia University; University of Chicago; University of Pennsylvania; Harvard University; Ohio State University.

* The names are arranged in order of rank and seniority of appointment. The date in parenthesis indicates first appointment to this faculty.

¹ Deceased, May 6, 1942.

WILLIAM KIRK WOOLERY, *Provost and George T. Oliver Professor of History and Political Science.* (1921)

A.B., Bethany College; A.M., University of California; Ph.D., Johns Hopkins University.

BERNAL ROBINSON WEIMER, *Dean of the Faculty and Professor of Biology.* (1921)

A.B., A.M., West Virginia University; Ph.D., University of Chicago.

IRVIN TAYLOR GREEN, *Professor of New Testament and Church History.* (1921)

A.B., Transylvania College; A.M., B.D., Bethany College; University of Chicago.

¹FORREST HUNTER KIRKPATRICK, *Dean of Students and Professor of Education.* (1927)

A.B., Bethany College; University of Dijon; A.M., Columbia University; University of Pittsburgh; Professional diploma as clinical psychologist from Columbia University; University of London.

EMMETT EPHRAIM ROBERTS, *Professor of English.* (1928)

A.B., Ohio University; A.M., Ohio State University; New York University.

OSBORNE BOOTH, *T. W. Phillips Professor of Old Testament.* (1929)

A.B., Hiram College; B.D., Ph.D., Yale University; University of Chicago.

HENRY DONALD DAWSON, *Professor of Chemistry.* (1930)

B.S., Denison University; M.Sc., Ph.D., Ohio State University.

JOHN J. KNIGHT, *Professor of Physical Education.* (1930)

A.B., West Virginia Wesleyan College; University of Michigan; Ohio State University.

JOHN STANLEY VALENTINE ALLEN, *Professor of Physics.* (1933)

B.Eng., M.Sc., Ph.D., Ohio State University.

CHARLES RUSH CARTER, *Professor of Music.* (1934)

Combs Conservatory, Temple University; B.S. in Ed., A.M., New York University; Juilliard School of Music.

FLORENCE MARIAN HOAGLAND, *Academic Adviser for Women and Professor of English.* (1936)

A.B., Cornell University; A.M., Columbia University; Ph.D. Cornell University; University of Cambridge.

REUBEN HAMILTON ELIASSEN, *Professor of Education.* (1936)

A.B., St. Olaf College; University of Minnesota; A.M., Columbia University; Stanford University; University of Chicago; Ph.D., Ohio State University.

¹ On leave of absence, in interest of war production, for personnel work with Radio Corporation of America.

WILLIAM BERLE SHAFFER, *Associate Professor in Economics and Acting Head of the Department.* (1942)

A.B., M.A., University of Pennsylvania; Ohio State University.

WILBUR JOHN SUMPSTINE, *Assistant Professor of Biology and Geology.* (1925)

B.Sc., Bethany College; West Virginia University; M.Sc., University of Chicago; University of Pittsburgh.

CHANDLER SHAW, *Assistant Professor of History.* (1935)

A.B., Rollins College; A.M., Ph.D., University of North Carolina; American Academy in Rome; Royal University, Perugia, Italy.

EARL D. MCKENZIE, *Assistant Professor of Modern Languages.* (1937)

A.B., Brown University; A.M., Columbia University; University of Frankfurt am main; Yale University; University of Pittsburgh.

CHARLES CLIFFORD BARLOW, *Director of Admissions with rank of Assistant Professor.* (1938)

A.B., Illinois College; University of Illinois; Litt.M., University of Pittsburgh.

E. HUGH BEHYMER, *Librarian with rank of Assistant Professor.* (1941)

A.B., Indiana University; B.L.S., University of Michigan; A.M., University of Chicago.

DWIGHT ESHELMAN STEVENSON, *Instructor in Philosophy.* (1936)

A.B., Bethany College; B.D., Yale University; University of Chicago.

MARGARET CARRIGAN, *Head of Residence for Women and Instructor in English.* (1939)

A.B., Columbia University; A.M., Syracuse University; Columbia University.

¹ JAMES WAGNER ALEXANDER, *Instructor in English.* (1940)

A.B., A.M., University of Georgia; University of Perugia; University of Padua; University of Grenoble; Ph.D., University of Virginia.

JOHN WILLIAM REYNARD, *Faculty Resident and Instructor in Chemistry.* (1940)

A.B., Muskingum College; A.M., Ph.D., Ohio State University.

WILLIAM HENRY SPRAGENS, JR., *Instructor in Mathematics.* (1940)

A.B., M.S., University of Kentucky; University of Illinois.

² BETTY D. CLARK, *Faculty Resident and Instructor in Physical Education.* (1941)

B.S., M.A., Ohio State University

² INEZ CUNNINGHAM LYLE, *Instructor in Secretarial Training.* (1941)

B.S., Radford State Teachers College; M.A., George Peabody College for Teachers.

¹ With the Armed Forces of the United States.

² Resigned to enter Government Service.

ROMAIN GENEVIEVE GREENE, *Instructor in English*. (1942)
A.B., State University of Iowa; M.A., Drake University.

¹VIOLET LEFANT, *Instructor in Spanish*. (1942)
A.B., M.A., University of Denver; University of Madrid; The Sorbonne;
University of Paris; National University of Mexico.

ARNOLD GEORGE NICHOLSEN, *Instructor in Physical Education*. (1942)
B.S., M.A., University of Alabama.

JOSEPH HEWITT JONES, *Faculty Resident and Instructor in Economics*. (1942)
B.S., Indiana State Teachers College; M.Ed., University of Pittsburgh.

MACKENZIE L. SMITH, *Instructor in Music*. (1942)
B.M., M.M., American Conservatory of Music, Chicago; Eastman School of
Music of the University of Rochester; State University of Iowa.

MARY FLINT SYER, *Instructor in Sociology*. (1942)
B.Ph., M.A., Northwestern University; Columbia University; London School
of Economics.

PAULINE ELEY, *Instructor in Secretarial Training*. (1942)
A.B., Western Kentucky State Teachers College; Bowling Green College of
Commerce.

MARGARET LOIS HILE, *Instructor in Physical Education*. (1943)
B.S., Battle Creek College; Ohio State University; University of Dayton.

JULIA RACINE SPICER, *Instructor in Spanish*. (1943)
A.B., B.S., in Educ., M.A., University of Missouri; Ph.D. University of Cali-
fornia; University of Iowa; University of Mexico; The Sorbonne.

ALBERTA FRANCES QUINLIN, *Recorder and Associate in Guidance and Personnel*.
(1936)
A.B., Bethany College; Columbia University.

LOUISE ELIZABETH GETTYS, *Associate in Guidance and Personnel*. (1941)
A.B., Bethany College; Columbia University.

ELSIE GROSECLOSE, *Part Time Instructor in Secretarial Training*. (1942)
Marion College.

¹ Resigned to enter Government Service.

LIBRARY STAFF

- EDGAR HUGH BEHYMER *Librarian*
A.B., Indiana University; B.L.S., University of Michigan; M.A., University of Chicago.
- ¹BETTY LOUISE BELLINGER *Assistant Librarian*
A.B., University of Akron; B.S. in L.S., Western Reserve University.
- LOIS M. BEHYMER *Acting Assistant Librarian*

STUDENT HEALTH SERVICE

- ²DR. SAMUEL SPRIGG JACOB *College Physician*
A.B., West Virginia University; M.D., Jefferson Medical School.
- DR. EDGAR WADE MAHAN *Acting College Physician*
A.B., Bethany College; M.D., University of Maryland.
- GLADYS CARNAHAN, R.N. *College Nurse and Supervisor of the Infirmary*
- MARIGENE SHEPHERD, R.N. *Assistant College Nurse*

SPECIAL WARTIME SERVICES

- WILBUR H. CRAMBLET *Armed Services Representative*
- J. S. V. ALLEN *Adviser on Navy V Programs*
- R. H. ELIASSEN *Adviser on Army E. R. C. Programs*

C. A. A. WAR TRAINING SERVICE

- JAY M. POTTER, *Coordinator of the C. A. A. War Training Service*
A.B., Bethany College; M.A., University of Pittsburgh.
- JOHN SHIELDS CLUSS, *Associate*
A.B., Bethany College.
- ALLEN SIMMONS (Dean, Linsly Institute), *Associate*
B.S., C.E., Worcester Polytechnic Institute.
- RICHARD H. HERTER (Instructor, Linsly Institute), *Associate*
B.S., M.S., Carnegie Institute of Technology
- L. M. KLINE (Instructor, Linsly Institute), *Associate*
B.S., E.S., New York University

MEMBERS OF THE COLLEGE STAFF

¹ Resigned to enter Government Service.

² With the Armed Forces of the United States.

ADMINISTRATION STAFF

LUCILLE BALL	<i>Head Dietitian and Dormitory Manager</i>
HARRY MILTON MYERS	<i>Bookkeeper</i>
DOROTHY ROHLAND BAUM	<i>Secretary to the President</i>
DAVID W. SOPP	<i>Superintendent of Buildings and Grounds</i>
ELSIE E. BURTNER	<i>Ass't Dietitian, Bethany House</i>
FLORENCE PRENDERGAST	<i>Ass't Dietitian, Phillips Hall</i>
HELEN M. SOPP	<i>Secretary to the Executive Secretary</i>
MARGARET R. MORRIS	<i>Secretary to the Bursar</i>
.....	<i>Secretary to the Director of Admissions</i>
PAULINE GILBERT	<i>Secretary to the Dean of the Faculty</i>

RESIDENTS OF COLLEGE DORMITORIES

MARGARET CARRIGAN	<i>Head of Residence and Social Director</i>
VIRA M. HETTLER	<i>Faculty Resident at Gateway Hall</i>
JOHN W. REYNARD	<i>Faculty Resident at Cochran Hall</i>
JOSEPH H. JONES	<i>Faculty Resident at Helwig House</i>
ANNA H. GOODNIGHT	<i>House Supervisor—Kappa Delta</i>
MARY BELLE CARMAN	<i>House Supervisor—Zeta Tau Alpha</i>
GRACE HINE	<i>House Supervisor—Alpha Xi Delta</i>
VERDA H. WORTHEN	<i>House Supervisor—Phi Mu</i>

FUNCTIONAL COMMITTEES OF FACULTY

Curriculum and Instruction

ACADEMIC COUNCIL:

Mr. Weimer, Mr. Woolery, Mr. Booth, Mr. Dawson, Mr. Eliassen, Miss Hoagland, Mr. Kirkpatrick.

ADMISSIONS AND CLASSIFICATIONS:

Mr. Woolery, Mr. Weimer, Mr. Barlow, Miss Hoagland, Mr. Kirkpatrick.

HONORS:

Mr. Weimer, Mr. McKenzie, Miss Hoagland.

LECTURES AND CONCERTS:

Mr. Booth, Mr. Weimer, Mr. Carter.

LIBRARY:

Mr. Woolery, Mr. Leitch, Miss Hoagland, Mr. Allen, Mr. Behymer.

SCHEDULE:

Mr. Dawson, Mr. McKenzie, Mr. Roberts, Mr. Jones.

Student Welfare and Guidance

COUNCIL ON GUIDANCE AND PERSONNEL:

Mr. Weimer, Miss Hoagland, Mr. Stevenson, Miss Carrigan, Dr. Mahan, Mr. Hettler, Mr. Barlow, Mr. Kirkpatrick.

ACTIVITIES AND SOCIAL LIFE:

Miss Carrigan, Miss Mahaffey, Mr. Carter, Mr. Reynard, Mr. Nicholsen.

PLACEMENT:

Mr. Dawson, Mr. Eliassen, Miss Quinlin, Mr. Kirkpatrick.

ATHLETICS AND PHYSICAL RECREATION:

Mr. Woolery, Mr. Allen, Mr. Knight, Miss Hile, Mr. Nicholsen.

RELIGIOUS LIFE:

Mr. Stevenson, Miss Mahaffey, Mr. Booth, Mr. Eliassen.

FINANCIAL AIDS:

Mr. Cramblet, Mr. Barlow, Mr. Hettler, Mr. Kirkpatrick.

Special Wartime Activities

THE COLLEGE AND NATIONAL DEFENSE:

Mr. Cramblet, Mr. Woolery, Mr. Dawson, Miss Hoagland, Mr. Knight, Mr. Weimer, Mr. Kirkpatrick.

CIVILIAN MORALE:

Mr. Sumpstine, Mr. Eliassen, Mr. Allen, Mr. Knight, Miss Hoagland.

PURPOSE AND HISTORY

PURPOSE

The continuing purpose of Bethany College is to assist its students in their preparation for intelligent and creative participation in contemporary living, and to maintain in its faculty and student body standards of excellence in scholarship, culture, and conduct.

The particular aims of the college are:

- (1) To provide incentives to and training in the scientific method, in logical analysis, and in creative expression.
- (2) To develop an understanding of the institutions and cultures of the past, especially as they bear upon the problems of contemporary civilization; and to effect an integration of some of the major departments of human knowledge.
- (3) To furnish the means in knowledge and experience for happy, intelligent, and constructive membership in family and state.
- (4) To facilitate adequate adjustment to academic, social, and vocational problems.
- (5) To individualize, as far as possible, the curricular program and requirements, to provide for some degree of specialization in one major field, and for a synthesis of materials in that field.
- (6) To provide opportunities for the development of physical powers, the safeguarding of health, and participation in recreational and avocational activities.
- (7) To provide higher education in an atmosphere sympathetic to Christian ideals and Christian faith and to conserve and develop the moral character and religious life of its students.

HISTORY

Buffalo Seminary, the forerunner of Bethany College, was inaugurated at Bethany, Virginia, in the year 1818 in the home of Alexander Campbell, commonly known as the Mansion. Here, for some years, Mr. Campbell offered educational advantages for the youth of the community as well as training for young men in the work of the Christian ministry.

A charter was granted to the Trustees of Bethany College by the Legislature of Virginia on March 2, 1840, authorizing the establishment of a "seminary of learning for the instruction of youth in the various branches of science and literature, the useful arts, agriculture, and the learned and foreign languages."

The trustees of the college named Mr. Campbell as the first president and directed him to formulate a plan for instruction for the new institution. He had strong convictions that the spirit of the institution should be altogether non-sectarian; in the charter occurred the statement that "nothing herein contained shall be so construed as at any time to authorize the establishment of a theological professorship." He believed that the formation of moral character should be the chief goal in education and was equally convinced of the necessity for an undergirding of moral instruction. Accordingly the Bible was made a regular textbook in the college, and continues as part of the curriculum and life of the institution.

In October of 1841, the first session opened with over a hundred students in attendance. In addition to Mr. Campbell the first faculty included W. K. Pendleton, A. F. Ross, Charles Stewart, and Robert Richardson. They envisaged a college of great usefulness for the training of thoughtful leadership in business and the professions as well as the church, and they set for the college a fine tradition of liberal scholarship and standards of excellence in accomplishment and personal living.

From the first Bethany's curriculum was marked by unusual emphasis on the physical sciences. The growth of the college was noticed not only by an increased student body but also an expansion of facilities and an enlarged endowment in the more modern period. There was an increasing emphasis upon high standards, progressive educational procedures and sound scholarship.

The centennial of the college was observed during the academic year of 1939-1940 with celebrations on March 2, 1940, date of the original charter; on May 10 and 11, 1940, date of the earliest faculty meeting; culminating in the Centennial Celebration on June 1, 1940.

Bethany College begins the second century of service to youth with confidence and courage. Faculty and curriculum have been greatly strengthened. The plant and equipment of the college are adequate for the demands being made upon them for the largest student body in its history. There is a sustaining faith in the per-

manent values of a Christian college of the liberal arts in this hour of war and threatening disaster. For the duration of the war, the college offers such facilities as are needed for the use and support of the nation's effort to preserve the priceless heritage that is the common possession of all free men.

Bethany College, like all other institutions of the United States, is cooperating as fully as possible to further the defense efforts of our nation. The country needs as never before college trained men and women to meet not only the emergencies brought about by the present conflict, but also to help solve the problems of the peace. To this end the college has adopted an accelerated educational program which will be followed until the present war emergency is over.

The program of courses has been so arranged that students may begin their college work at Bethany at the beginning of any term. The college operates on a schedule of 48 weeks of college teaching. This is divided into two 18 week semesters and one 12 week summer term, an arrangement which will allow students to receive 48 semester hours of academic credit each year and thus to complete their college training and receive their degree in 3 years or less. Students who elect the accelerated program at Bethany College enroll for 18 semester hours in each semester and for 12 semester hours in the summer term. It will be necessary for students to begin this program the first semester or term after they enter college if they expect to graduate in the least possible time.

Bethany College has seen this country threatened by foreign and civil war and has survived. Today, it is better prepared than ever before for whatever the immediate future may hold. This war will end, and in the years that will follow victory, Bethany College will continue to make contributions to winning and making secure a lasting peace.

ADMISSION AND INDUCTION

GENERAL REQUIREMENTS—Bethany College will accept as students only young men and young women who are well qualified to benefit from the type of educational experience and academic life available. All applicants for admission must furnish evidence of high moral character, good physical and mental health, sound scholastic preparation, and intellectual maturity. The Committee on Admissions and Classifications will consider the best interests of the applicant and the college before final acceptance is made. New students will be admitted at the beginning of any semester or term.

FRESHMAN ADMISSION—Applicants for admission to the freshman class will be judged acceptable in terms of scholastic preparation and intellectual maturity by any one of the following three plans:

I. By Certificate

- (a) Graduates of any accredited high school or secondary school may be admitted to freshman standing on presentation of statement signed by proper school authorities, showing the kind of and the amount of scholastic work done, provided the scholastic work completed is of such quality as to place the student in the upper half of his graduating class. Exceptions to this will be made only upon adequate evidence from scholastic aptitude tests administered by a competent examiner at the college or at the secondary school.
- (b) Those students of exceptional ability with high rank in their high school class and with the whole-hearted recommendation of their high school principals may be admitted after three and one half years in high school if their records indicate the completion of at least fifteen acceptable units of secondary school work. Most of the states in this area have indicated by official action that such high school students will be granted their diplomas from the secondary school upon completion of a year's work in college with satisfactory grades.

- (c) Two-thirds of the units of secondary school work accepted for entrance must be in English, foreign language, mathematics, natural sciences, and social studies. These units should normally include three units of English, at least three units of a foreign language or social studies, and two units of mathematics or science. In the case of graduates of senior high schools the same general pattern of units is desired.

II. *By Examination*

Students who have not been regularly prepared for college in a recognized secondary school may apply for admission by making a complete statement regarding qualifications and training. Such students can be regularly admitted if they qualify in a battery of achievement examinations given at the college under the direction of the Committee on Admissions and Classifications. The examinations will be given upon the scholastic work covered by the list of secondary units approved by the North Central Association of Colleges and Secondary Schools.

College Entrance Board Examination certificates will be accepted in lieu of high school certificates or examinations by Bethany College.

III. *By Cumulative Record*

The Committee on Admissions and Classifications will receive cumulative standard test records and other objective data which may give evidence of an applicant's ability to profit by college experience. Such records or data should (1) cover at least the three most recent years of the applicant's school life, (2) provide fairly reliable information as to his intellectual capacity, (3) include an accurate record of the results of comparable achievement measures in various academic subjects. Data obtained from all tests will be interpreted in authenticated comparable terms, such as well established public school or independent school percentiles.

ADVANCED STANDING—Students from other accredited colleges may be admitted upon the presentation of evidence that they have satisfied the general requirements for admission and that they were in good standing in the institution last attended. All applications for admission from students for advanced standing must be

accompanied by official certificates stating the nature and extent of college courses completed and all disciplinary or academic items that belong to such a record. Such a statement must be signed by the president or other official of the institution where the work was done.

The evaluation and acceptance of credits earned at an accredited institution will depend upon the quality of the academic work completed. Only a minimum of academic work ranked below "average" (grade C) will be accepted. Not more than sixty-five hours will be allowed for junior college work.

Credit will be allowed for work done in non-accredited institutions only by special action of the Committee on Admissions and Classifications. This Committee may require that the applicant take a series of subject matter examinations, or that the applicant be classified one class below that attained in the institution from which the credits were presented.

A student transferring to Bethany cannot be granted a degree unless he has been in attendance at the college at least during his senior year.

SPECIAL STUDENTS—A limited number of students who are not candidates for a degree may be admitted to the college as "Special Students" with permission to pursue selected courses. Application must be made for such classification, and approval for the same may be given only if the applicant can satisfy the Committee on Admissions and Classifications that he can pursue the courses with profit, that he has a serious purpose in mind, and that he can meet the general requirements as to health, character, and mental ability.

ADVANCED STANDING BY ACHIEVEMENT TESTS—Any students who have anticipated the subject matter of any of the prescriptions for degrees listed under the requirement of hours may make application to take an achievement test. If the result of this test indicates sufficient mastery of the subject the prescription will be waived. Passing the achievement tests will not give credit in hours toward the degree. The application for an achievement test should be made to the Committee on Admissions and Classifications. It should state the achievement tests which the student desires to take and the basis of his preparation for the test. The statement should include detail as to any supplementary reading done in addition to

the prescribed school work in the form of a list of titles and authors of books. The testing will be in charge of the Dean of Students and the heads of the departments concerned.

PLACEMENT TESTS FOR FRESHMEN—For purposes of educational guidance all freshmen are required to take placement examinations in certain academic subjects such as English, history, and foreign languages. These examinations are given before the final registration at the opening of the college year in order that failures due to misplacement in courses may be avoided if possible. The type of examination used is designed to test the readiness with which the student can adapt his knowledge to the requirements of college work. The results of these examinations are used to determine a student's placement in courses and in sections.

ORIENTATION PROGRAM AND REGISTRATION—The college recognizes the need of giving newly entering students an introduction to their work, and for this purpose it requires freshmen to come to Bethany several days before the formal registration of all other students. These "Freshman Days" are devoted to efforts to help the freshmen make a proper adjustment. "Freshman Days" are scheduled at the beginning of each semester and summer term.

The time designated for "Freshman Days" will be used for the following activities:

- a. Getting properly settled in dormitory.
- b. Registration and payment of fees.
- c. Physical examination.
- d. Placement and achievement tests which will enable the faculty to place the student in the classes for which he is best fitted.
- e. Conferences with the faculty counselor as to educational and vocational program.
- f. Social and recreational activities, "get acquainted" meetings, etc.

Attendance during "Freshman Days" is required of all who will enter as freshmen. The dates for the 1943 Summer Session are June 15 and 16, for the Fall Semester they are September 14 and 15, and for the Spring Semester, they are January 28 and 29, 1944.

PRE-COLLEGE GUIDANCE—At various times during the year opportunity is offered for the pre-college guidance of secondary school juniors and seniors who are looking toward college. At these times it is possible for parents and students to confer with officers of the

college, to have school records appraised, and to take college aptitude tests. This service is offered to prospective students without obligation to them and may be secured at the college and by appointment in other centers as New York, Buffalo, Pittsburgh, Cleveland, Detroit, and Chicago. Arrangement for pre-college guidance of any kind should be made with the Director of Admissions.

METHOD OF ENROLLMENT—All matters related to the enrollment of new students are handled through the office of the Director of Admissions. The proper form to be used in making application for admission and blanks to be used in making application for a room in one of the college dormitories will be supplied by his office. The Application for Admission (see preliminary form in back of catalogue) should be filed as early as possible and must be accompanied by the admission fee of \$10.00. In case application is denied, the admission fee will be refunded. These should be mailed directly to the Director of Admissions.

The application form requires rather complete data as to the applicant's personal and educational background together with an official record of his scholastic preparation. The Committee on Admissions and Classifications will review applications within two weeks after they are received and notice of action taken will be sent directly to the applicant. The admission fee serves as a dormitory room reservation deposit if the applicant is accepted, and is set aside as a breakage deposit at the time of registration at the college. If the student is accepted and for any reason is unable to attend Bethany College, \$7.00 of the admission fee will be refunded provided notice of this decision is given to the college on or before the specific dates designated on the application forms. If withdrawal occurs after these dates, no part of the application fee will be refunded.

RESERVATION OF DORMITORY ROOMS—All rooms in college dormitories must be engaged in advance. In case the student remains in the dormitory for the full year, the admission fee will be refunded, except for proper charges for breakage and inspection. In the case of withdrawal from the dormitory after registration, charges for room rental are refunded on a pro-rata basis, but the deposit fee is forfeited by the student.

An applicant for admission who finds that it will be impossible to enter college can get a refund of \$7.00 if notice is given to the

Director of Admissions prior to the specific date designated on the application form.

Plans showing the arrangement of rooms in the dormitories, detailed statement of prices, and reservation blanks may be obtained from the Director of Admissions.

EXPENSES

TUITION—The tuition each semester is one hundred and twenty-five dollars for fifteen academic hours or less. For each academic hour in excess of fifteen, an additional eight dollars is charged. No charge is made for required courses in physical education or orientation taken to meet the graduation requirements.

Tuition for special students carrying less than twelve hours is \$10.00 per semester hour. Special fees will be charged as usual in such cases.

By special action of the Board of Trustees, the tuition for alumni of the college has been set at twenty-five dollars per semester. All special fees will be charged as usual in such cases.

By special action of the Board of Trustees, members of families of home and foreign missionaries actively in service are allowed free tuition for regular academic work at the college.

FEEES

ADMISSION FEE—A fee of ten dollars is required with each Application for Admission. At the time a student enrolls at the college this fee becomes a guarantee and breakage deposit on the room of a student living in one of the college dormitories. The college reserves the right to make legitimate charges against the room and breakage deposit fee for any damage done to the room or its furnishings, and to declare forfeiture of the key deposit fee if keys are not returned immediately after the room is vacated. In case the student does not occupy the room as agreed in the room contract, the fee is forfeited by the student. If the applicant is not planning to live in a college dormitory, the fees will be applied on the tuition charge.

HEALTH AND MATRICULATION FEE—A health and matriculation fee of \$10.00 each semester is charged to all students. This fee covers the special services that are ordinarily charged as matriculation fee, student health fee, library fee, gymnasium fee, etc.

STUDENT ACTIVITIES FEE—A student activities fee of \$10.00 each semester is charged to all students. This fee provides for participation in athletic competition and contests, an interesting program of lectures and concerts, and a variety of extra-curricular activities directly managed by the Student Board of Governors.

MEN'S RESIDENCE HALL

COCHRAN HALL—The rent for rooms in this hall ranges from \$60.00 to \$75.00 per semester for each student. Single rooms and double rooms, and suites are provided.

Bed linen, bed spreads, and curtains are furnished and laundered for all residents. Porter service is provided for the entire building. Young men rooming in this hall are expected to furnish their own blankets, towels, study lamps, and rugs. The hall is completely closed when college is not in session. Rooms must be engaged in advance.

WOMEN'S RESIDENCE HALLS

PHILLIPS HALL—The rent for rooms in this hall ranges from \$60.00 to \$80.00 per semester for each student.

HELWIG HOUSE—The rent for rooms in this house ranges from \$55.00 to \$60.00 per semester for each student.

GATEWAY HALL—The rent for rooms in this hall is \$60.00 per semester for each student.

The rental charge in Phillips Hall, Helwig House and Gateway Hall includes such items as electric lights, janitor service, use of kitchenettes, and laundries. Rooms must be engaged in advance.

DORMITORY HOUSES—Rooms in these houses are for young women affiliated with a sorority group. They are rented by the individual student who signs a rental contract for her room under the same conditions which apply in other residence halls but the sorority group is responsible for providing a minimum number of occupants. If this number is not provided the group can be charged a monthly rental to take care of the loss of income to the college.

The rent for rooms in these houses ranges from \$45.00 to \$55.00 per semester for each student. Single and double rooms are available. The rental charge covers the cost of utilities service but the expense for the care and supervision of the houses is the responsibility of the sorority.

Young women living in any of these residence halls are expected to furnish comforts, blankets, curtains, sheets, pillow cases, towels, study lamps and rugs. They are expected to care for their own rooms.

GENERAL REGULATIONS IN ALL RESIDENCE HALLS

Permission for the installation of radios and special electrical equipment in any of these halls must be obtained from the Head of Residence and a charge may be assessed for such items.

Room assignments in all college dormitories are made for the academic year. For freshmen they are made in the order of application; for upperclassmen, in the order of class membership, supplemented by the drawing of lots. Any request for a change of assignment must be approved by the officer in charge, and a new contract issued. Preference is given to upperclassmen only for a limited time.

Single and double rooms are available in all residence halls.

Double rooms may not be reserved by one student without extra charge.

Residence halls will be open for freshmen for the summer term and fall semester the day before Freshman Days, and for upperclassmen the day before registration.

Residence halls will be closed when college is not in session.

Bethany College reserves all rights in connection with the assignment, termination of occupancy, and re-assignment of rooms in all dormitories.

BOARD

FOR WOMEN—Board in Phillips Hall is for young women only and the charge is \$7.00 per week. All young women students are expected to board there.

FOR MEN—Board in the Bethany house is for college men and the charge is \$7.00 per week. All men students are expected to board there.

The price of board at either dining room is subject to revision in case of a change in general price levels.

ESTIMATED EXPENSES FOR YEAR

FOR MEN AND WOMEN

Tuition (\$125.00 per semester)	\$250.00
Room in College Dormitory (\$60 to \$80 per semester) ..	
.....	120.00 to 160.00
Board at College Dining Hall (7.00 per week)	238.00
Student Activities fee (\$10.00 per semester)	20.00
Health and Matriculation Fee (\$10.00 per semester)	20.00

MISCELLANEOUS FRESHMAN FEES REQUIRED OF BOTH MEN AND WOMEN

Admission Fee (All new students)	\$ 10.00
(This fee must be paid before any action is taken on application for admission.)	

Freshman Days Fee (First term or semester only)	10.00
(Freshman testing program, etc.)	
Deposit for Dormitory Room Key	1.00
(Refunded on return of keys.)	
Total required fees for Men and Women	
For semester	327.25 to 347.25
For year	654.50 to 694.50

To the above cost must be added the cost of books, clothing, laundry, travel, and personal spending money. The cost of books per the college year (two semesters) averages \$20 to \$25. The other items are not unusual but will be determined by the individual student. Expenses after the freshman year vary with the program of the individual.

The college is required to collect the West Virginia Sales Tax of 2% on room and board in addition to published charges for the same.

ESTIMATED EXPENSES FOR SUMMER TERM

(12 weeks)

FOR MEN AND WOMEN

Tuition

12 weeks, 12 semester hours	\$100.00
6 weeks, 6 semester hours	50.00

Health and Matriculation, and Student Activities Fees

12 weeks	12.00
6 weeks	6.00

Room

12 weeks	40.00 to 55.00
6 weeks	20.00 to 27.50

Board (\$7.00 per week)

12 weeks	84.00
6 weeks	42.00

Laboratory and Special Fees

(See college catalogue)

Total Required Fees for Men and Women

12 weeks	236.00 to 251.00
6 weeks	119.00 to 129.50

To the above cost must be added the cost of books, clothing, laundry, travel, and personal spending money. The other items are not unusual but will be determined by the individual student.

MUSIC FEES

Private Lessons, two lessons a week, per semester	\$50.00
Private Lessons, one lesson a week, per semester	27.00
Organ Practice, one hour each day, per semester	20.00
Piano Practice, one hour each day, per semester	5.00
Piano Practice, three hours per week, per semester	3.00
Practice Room for instrumental music, one hour each day per semester	2.00

LABORATORY AND COURSE FEES

Biology 11, 12, 36, 57, 58, 65, 76, 78	\$ 6.00 per semester
Biology 53, 54	7.00 per semester
Biology 67	5.00 per semester
Biology 91-92 (each hour)	6.00 per semester
Chemistry 11, 12	6.00 per semester
Chemistry 25, 26, 51, 52, 58	7.00 per semester
Chemistry 61, 62, 65, 66	8.00 per semester
Chemistry 63, 64	5.00 per semester
Chemistry 45, 75, 76, 91, 92 (each hour)	4.00 per semester
Education 64	2.00 per semester
Education 81, 82	20.00 per semester
Speech and Dramatics 45, 46, 47, 48	2.00 per semester
Mathematics 21	2.00 per semester
Mathematics 22, 24	4.00 per semester
Physics 15, 18, 21	3.00 per semester
Physics 31, 32, 55, 56, 63, 67, 68	4.00 per semester
Physics 91, 92 (each hour)	4.00 per semester
Psychology 53	3.00 per semester
Psychology 64	2.00 per semester
Secretarial Training 11, 12, 50	5.00 per semester

OTHER SPECIAL FEES

Comprehensive examination for students not in residence . .	\$25.00
Each academic hour when less than twelve, per semester . .	10.00
Each change in registration after first two weeks	1.00
Freshman days fee	10.00
Radio use fee, per semester	.50
Room reservation fee for upperclassmen	5.00
Late registration, first three days, per day	2.00
Special final examination in any department or course	2.00

Special placement or achievement test in any department . .	2.00
Transcript fee (after first issue)	1.00
Graduation and diploma fee	10.00
Infirmary charge, per day (after three days)	1.00

BREAKAGE AND GUARANTEE DEPOSITS

Certain fees are charged to cover cost of materials placed in the hands of students or as a guarantee of proper performance of duties assigned. Unused balances of these fees are refunded at the end of the college year.

Biology 34	\$ 5.00 per semester
Biology 53, 54	3.00 per semester
Chemistry 11, 12, 45, 75, 76, 91, 92	3.00 per semester
Chemistry 25, 26, 51, 52, 58	6.00 per semester
Chemistry 61, 62, 63, 64, 65, 66	7.00 per semester
Chemistry 81, 82 (travel)	10.00 per semester
Guarantee Deposit for Student Employment	5.00 per semester
Key deposit for all dormitory rooms	1.00
Deposit on locker in gymnasium	1.00

NOTE: A deposit on locker keys is charged to all students enrolling in activity courses in physical education or to those reserving lockers in the gymnasium for personal use.

PAYMENT OF ACCOUNTS

Tuition, room rent, board, student fees, health and matriculation fees, are due and payable on Registration Day of each semester. All accounts are payable to the Bursar of Bethany College.

Upon request, a period of two weeks after the opening of the semester may be allowed for the payment of tuition, room rent, board, and fees as listed on the invoice. It is required in each case, however, that the student shall make a minimum cash payment of \$50.00 on Registration Day of each semester. Students are not considered to be properly enrolled any semester until this minimum payment has been made. Scholarship awards do not apply on the required minimum payment. In case the student's account is less than \$50.00, full payment of the same is required in advance.

All accounts must be paid in full within two weeks after registration.

Arrangements may be made for deferred payment by proper application addressed to the Committee on Financial Aids.

As an associate of the Tuition Plan, Inc., we are prepared to extend to parents or guardians the opportunity of paying any balance on tuition, board, room rent and other college fees in equal monthly installments during the college year. The cost of this convenience, which is entirely optional with the parent, is 4% of the balance due. Arrangements for this service should be completed before Registration Day. Details will be furnished on request.

No student will be allowed to take final examinations or to receive academic credit of any kind in any semester until all his financial obligations to the college have been met. In case a student withdraws from college, all charges except certain special fees are pro rated, figured to the end of the week on which the withdrawal takes place. Scholarship awards are not applied on the tuition of students who withdraw before the end of the semester until all other charges have been paid in full. There can be no change in the tuition or fees charged a student because of a reduction in credit hours in his schedule of courses after the first two weeks of any semester.

SCHOLARSHIPS AND FINANCIAL AIDS

FRESHMAN SCHOLARSHIPS

HONOR SCHOLARSHIPS—Scholarships to the amount of \$250 are awarded to entering freshman students who rank in the highest honor group of secondary school graduating class. These provide a stipend of \$100 the freshman year, \$75 for the sophomore year, and \$75 for the junior year. The award will not be continued beyond the freshman year if the student fails to maintain an academic point average of 1.5.

TRUSTEE SCHOLARSHIPS—A limited number of scholarships to the amount of \$175 are available to entering freshmen who rank high in secondary school graduating class and who would not be able to attend college without such financial help. Such a scholarship provides a stipend of \$75 for the freshman year, \$50 for the sophomore year, and \$50 for the junior year. The award will not be continued beyond the freshman year if the student fails to maintain an academic point average of 1.25.

COMPETITIVE SCHOLARSHIPS—Early in the spring the college holds a competitive examination for high school seniors, and thirty scholarships ranging in amount from \$600 to \$800 are awarded to students making high scores on the examination. These awards are on the basis of \$150 or \$200 for each of the four college years. An academic point average of 1.5 after the freshman year must be maintained in order to have the stipend continued.

REGIONAL ALUMNI SCHOLARSHIPS—Ten regional alumni scholarships are to be awarded to freshmen of unusual ability upon recommendation of the alumni groups in various districts. These are located all over the United States and are designated by the Bethany College Alumni Association in collaboration with the administration of the college. These scholarship awards are for an amount of \$600 applicable on the tuition account of the student at the rate of \$75 per semester. The scholarship may be discontinued at any time the student fails to make an academic point average of 1.5 at the end of any one semester.

To be eligible for any one of these awards, the student must come from the upper quarter of his high school or preparatory school graduating class, he must have demonstrated interest in extracurricular activities by active participation, he must be well recom-

mended by responsible school officers, and he must have the endorsement of Bethany alumni in his area.

RECOMMENDATION SCHOLARSHIPS—High school seniors in the Pittsburgh area are often recommended for scholarship awards on the basis of aptitude tests administered under the sponsorship of the Civic Club or the endorsement of the Phi Beta Kappa Association of Pittsburgh. In each case, the final award is in the hands of the college administration, but the recommendation or endorsement is almost always given favorable consideration. Awards to students who have such recommendation are usually \$150 for each of four years.

GENERAL REGULATIONS—All scholarships for freshmen are awarded by the Committee on Financial Aid after consultation with the Committee on Admissions and the Director of Admissions. No award will be continued beyond the first semester if the student fails to abide by the regulations and ideals of the college. The stipends that go with each scholarship award are applied on the tuition charge on the basis of one-half for the first semester and one-half for the second semester. Applications must be filed with the Director of Admissions at least three weeks prior to the date of admission to the college. All applications from new students must be accompanied by a transcript of secondary school work and the required Application for Admission and Admission Fee.

For students electing the accelerated program, scholarship awards will be figured to include the summer term on the same basis as a semester. The same requirements as to academic point average will apply for the accelerated program. All scholarship awards will be figured on this same basis.

Students will be eligible to receive only one award. Students qualifying for more than one must select the award which they prefer to accept.

SCHOLARSHIPS FOR UPPERCLASSMEN

TRUSTEE SCHOLARSHIPS—Sophomores, juniors, and seniors may apply for scholarship awards to the amount of \$50 to \$150, which have been authorized by the Board of Trustees for students above the freshman rank who maintain a high grade of academic work and who would be unable to continue in college without such financial assistance. It is expected that in each case the applicant shall have met the following conditions:

1. His academic record must be above 1.25 average in the academic year preceding the application.
2. His financial obligations to the college must be met promptly.
3. His influence on the student body should be in every sense wholesome.
4. His continuance in college should depend upon some financial assistance.
5. He shall have made a worthwhile contribution to the life of the college and the college program.

Scholarships of \$150 are not usually awarded to students who have other forms of financial aid such as student employment. Academic standing and accomplishment are the chief criteria for scholarship awards.

It is understood that the following reasons will operate to cancel this scholarship for the next semester:

1. Failure to maintain an academic point average of 1.25.
2. Serious academic censure for any cause.
3. Unsatisfactory conduct.

All applications for scholarship awards from members of the present student body must be filed with the Committee on Financial Aid on or before May 12, 1943. Applications received after that date cannot be acted upon for the next college year. When a trustee scholarship is awarded the recipient is asked to sign a statement indicating his acknowledgment of an obligation and his intent to pay same after graduation.

DESIGNATED SCHOLARSHIPS—The following scholarships have been especially designated by friends of the college and are subject to such special provisions as are mentioned:

MARY A. MORRISON SCHOLARSHIP—This is a scholarship covering three-fourths of the cost of tuition.

ISAAC MILLS SCHOLARSHIP—This scholarship covers a part of the tuition charge, the benefits of which are to be received by a ministerial student.

G. A. WILLETT SCHOLARSHIP—This scholarship of \$100 per semester applies on tuition. The student receiving the benefits of the same is to be nominated by a member of the Willett family.

ISAAC BROWN SCHOLARSHIP—This scholarship covers \$30 on tuition cost per semester.

ALBERT C. ISRAEL SCHOLARSHIP—This scholarship yields \$20 per semester to apply on tuition of a descendant of Albert C. Israel.

JENNIE I. HAYES SCHOLARSHIP—The income from this scholarship fund is awarded for the purpose of helping students who are preparing for the mission field or the ministry. The students who receive the benefits of this scholarship are to be nominated by the donor.

IDA M. IRVIN SCHOLARSHIP—The income from this scholarship fund is awarded to students who have reached the senior year in their college course. The students receiving benefits from this scholarship are to be nominated by the Committee on Student Aid after consultation with the donor.

HERBERT MONINGER SCHOLARSHIP—A scholarship endowed in memory of Mr. Herbert Moninger, a graduate of the college.

JOSIAH WILSON SCHOLARSHIP—As a memorial to Josiah N. and Wilmina S. Wilson and Nora B. Wilson a scholarship fund was established by Josiah N. Wilson. The income is used to aid some student or students who are preparing for the Christian ministry.

M. M. COCHRAN SCHOLARSHIPS—Several scholarships covering a part of the tuition charge. The students who receive the benefits of these scholarships are to be nominated by the President of the college.

Students getting designated scholarships must meet the same general requirements as for Trustee Scholarships but they are not expected to sign a statement indicating intent to repay the amount of the award.

MINNIE W. SCHAEFER AWARDS—The income from a fund of \$8,000 set up by the will of Mrs. Minnie W. Schaefer of Mt. Vernon, Ohio to be awarded to students planning for definite Christian service.

J. T. SMITH AWARDS—The income from a fund of \$17,500 established by J. T. Smith of Memphis, Tennessee, to be made available for students preparing for the Christian ministry or some other form of Christian service.

RHODES SCHOLARSHIPS—These scholarships have been suspended for the duration of the war.

SENIOR FELLOWSHIPS—Upon careful recommendation certain members of the junior class are designated as Senior Fellows during the following year. The selection is made only of students who have attained unusual excellence in the field of their major study and who by character and ability can do special work in a major

department, as an assistant in some phase of instruction or research. The Senior Fellowship carries a small stipend. Not more than six senior fellowships are awarded in any one year.

FOREIGN EXCHANGE FELLOWSHIPS—Through the Institute of International Education Bethany College has in past years been able to place graduates in foreign universities for graduate study. The State Department of the United States Government has recently suspended this privilege for the duration of the war.

Each year at least two students from foreign countries come to Bethany to study on fellowships provided by the college administration. These students come to interpret their own people and their national culture to American student life. These awards are made only to students who are recommended by the Institute of International Education.

FINANCIAL AIDS

BETHANY COLLEGE LOAN FUNDS.—By the action of the Board of Trustees, the several loan funds of the college have been consolidated into the Bethany College Loan Fund. Loans from this fund may be obtained by students on complying with the conditions governing the same. Approved security is required from all those borrowing from the fund. The amount of money that any student can borrow in a single year as well as the total amount available to any student is limited by the size of the fund. Money is loaned without interest while the student is in Bethany College and the note is drawn to mature four months after graduation or withdrawal from college. All notes bear interest from the date of their maturity.

Applications for loans must be made to the Committee on Financial Aid through the Executive Secretary. All financial obligations to the college including the loan fund must be paid before an official transcript of the student's academic record can be issued.

The Loan Fund was started by gifts from the Hon. T. W. Phillips of New Castle, Pennsylvania, who donated to the Trustees of the College a total of \$10,000 for this purpose more than fifty years ago. Other gifts and accrued interest together with appropriations from the general funds of the college have increased the total fund. The notes receivable in the fund now total \$56,720.82.

STUDENT EMPLOYMENT—Limited opportunities for students to earn money for college expenses are afforded, but under no cir-

cumstances is it possible for a student to earn all of his expenses. The college will not undertake to provide student employment of any kind beyond \$100 as a total for one year.

Students may be designated as assistants in the various departments of the college, or to work on special projects which may be undertaken by members of the faculty. Women students are sometimes employed for clerical, stenographic, or library work at the college, or in kitchen or dining room work at Phillips Hall. There are occasional opportunities for employment in certain of the homes in the village. Men students are often placed in maintenance or janitor work at the college. Other opportunities open are waiting table, tending furnaces, doing household work, etc.

Applications for student employment must be filed on a proper form and must be accompanied by a deposit of \$5.00 as a guarantee of faithful performance. In case work is not obtained the deposit will be refunded. The college is not able to assure any student of continuous employment. A careful study of the student's needs and general welfare will be made by the committee caring for student employment as each application is considered. Applications for student employment should be filed with the Executive Secretary.

Prospective students should not consider beginning a college career unless adequate financial arrangements have been made for at least the first year. A few students may find it possible to earn enough money to pay part of their expenses. It is advisable, however, for new students to adapt themselves academically before attempting outside work.

PLACEMENT

The Admissions and Personnel Office is concerned with placement service and its facilities are available for students and prospective employers. It assists students needing to secure part-time employment while attending college and those who need to find summer work; it helps members of the graduating class who are seeking their first positions or making applications for graduate fellowships; and it gives as much assistance as possible to alumni who keep in touch with the office. The office does not undertake to find employment for anyone or to assume the responsibility for making all contacts with prospective employers. One of the most

helpful services which the office is able to render to seniors and graduates is that of collecting confidential letters of recommendation from the faculty members, academic and personal data, and then making these available to employers, graduate schools, etc. to which the candidate applies. No charge is made for this service.

Employers are encouraged to use the Admissions and Personnel Office in filling positions and they are assured that their interests as well as those of the candidates will be considered.

Correspondence and personal visits are invited in regard to positions for which college trained men and women are desired and in regard to summer work which can be done by college students. Letters should be addressed to the Recorder or to the Chairman of Committee on Placement.

GRADUATION AND HONORS

DEGREE REQUIREMENTS

DEGREES—Bethany College confers at graduation the degrees of Bachelor of Arts and Bachelor of Science. The fulfillment of the several specified requirements and genuine evidence of attainments in scholastic proficiency are demanded of all candidates for degrees.

REQUIREMENT OF HOURS—Candidates for either of the baccalaureate degrees are required to complete a total of 128 semester hours for graduation. Of this number forty semester hours must be in courses in the upper division; six semester hours must be in physical education, and two semester hours must represent the freshman course in orientation or its equivalent. Only twelve hours in applied music can be used toward meeting the minimum requirement.

DISTRIBUTION REQUIREMENT—Candidates for graduation are required to complete certain course work in each of the five curricular groups. The more general courses involving greater understanding and integration in each group are recommended. Fragmentary and small unit courses are not desirable. The following prescription of course requirements must be met by all candidates for baccalaureate degrees:

Freshman Orientation	2 hrs.
Group I—Languages and Literature	
English composition or literature	6 hrs.
Foreign language—	
A reading knowledge of one of the foreign languages offered at the college or approved by the Committee on Admissions. This requirement may be satisfied by the completion of the second year course in the language at the college level; or by written and oral examination given under the direction of the Department of Modern Language.	
Group II—Psychology, Philosophy, Education	
Psychology, Philosophy, or Education	6 hrs.
Physical Education, i.e. two hours in personal hygiene and four hours in activity courses	6 hrs.

NOTE: For the duration of the present emergency all students will be required to participate in activity courses as long as they are enrolled in the college.

Group III—Social Studies

History, Political Science, Economics, or Sociology 6 hrs.

Group IV—Science and Mathematics

Biology, Chemistry, Mathematics, or Physics 6 hrs.

Group V—Religion and Fine Arts

Biblical literature, i.e., courses in Old and New Testament 6 hrs.

Candidates for the Bachelor of Science degree must present at least forty semester hours from courses in Group IV. Of these forty semester hours, at least twenty-five of them must be in the upper division.

REQUIREMENT OF QUALITY POINTS—Quality points awarded on the basis of final grades received are required for graduation. At least 128 quality points must be earned and of these at least forty must be earned in upper division courses.

REQUIREMENT OF MAJOR—The department in which a student elects to major shall determine specific requirements for the student, not only of work to be done in the major department but certain other work to be done in other departments that must be completed to buttress the major. The general outline of requirements for each major is listed in the section of this bulletin that carries courses of instruction. With the approval of the Dean of the Faculty certain modifications can be made to meet the needs of the individual student.

It is expected that no major will include less than 24 semester hours and that at least 12 semester hours must be completed in courses definitely in the upper division. At least 24 quality points must be earned in the major field. These represent the minimum for the college. The department offering the major may require more than this minimum. In all cases the counselor will expect the student to complete a large part of his major work in the upper division.

The major may be confined to the work of a single department, or related departments may offer "functional majors" embracing work in two departments, if the work is planned and administered as a homogeneous unit.

REQUIREMENT OF MINOR—In addition to the major each student must elect a minor subject. The professor in charge of the major subject should approve the minor selected. In most cases it should

have some relationship to the major. At least 18 semester hours must be completed in the minor. A minimum of 18 quality points is required in the minor.

REQUIREMENT OF EXAMINATION—A comprehensive examination—both written and oral—is required of each candidate for a degree at Bethany College. This examination is given by a faculty committee under the direction of the professor in charge of the major subject, and it is intended to cover the total range of material and accomplishment for an undergraduate major. A student failing in the comprehensive examination shall be considered as failing to meet the requirements for graduation and shall not be graduated.

Seniors who pass the comprehensive examination with high credit shall be awarded their degrees “with distinction” in the major subject. The only other grades given are “passed” and “failed.”

Seniors who fail to pass the comprehensive examination shall upon payment of a suitable fee, be given a second opportunity only at the end of any subsequent semester, provided reasonable notice has been given to the Committee on Admissions and Classifications and the department head. Further opportunity to take this examination shall be given only by special vote of the faculty.

RESIDENCE REQUIREMENT—Four years are usually required to satisfy the requirements for the baccalaureate degree. Students of superior quality may satisfy the requirements in less time. The senior year should be spent in residence at the college.

HONORS

GRADUATION HONORS—Students who have done college work of unusual merit and have given evidence of superior academic achievement in the upper division will be graduated with honors. These are awarded with the degree as Summa Cum Laude, Magna Cum Laude, and Cum Laude. The awarding of honors is determined upon the basis of total quality points earned, standing in the comprehensive examination, and the recommendation of the professors in charge of the major and minor.

Seniors who give evidence of superior achievement in the major subject and are able to pass the comprehensive examination with excellent results will be designated as “Passed with Distinction.”

CLASS HONORS—Upper division students of the college who complete the academic work of any one year with a point average of 2.5 are recognized for “First Honors” for the year, and those who

complete the academic work of any one year with a point average of 2.25 are recognized for "Second Honors" for the year. Lower division students of the college who complete the academic work of any one year with a point average of 2.25 are recognized for "First Honors" for the year, and those who complete the academic work of any one year with a point average of 2.0 are recognized for "Second Honors" for the year.

DEANS' LIST—At the end of each semester a list of students who have ranked high in academic attainments as attested by academic point average are designated for the Deans' List. This distinction is determined by the Dean of the Faculty and the Dean of Students.

SENIOR FELLOWSHIPS—Upon careful recommendation certain members of the junior class are designated as Senior Fellows during the following year. The selection is made only of students who have attained unusual excellence in the field of their major study and who by character and ability can do special work in a major department, as an assistant in some phase of instruction or research. The Senior Fellowship carries a small stipend. Not more than six senior fellowships are awarded in any one year.

The selection of Senior Fellows is made from the nominations of department heads. It is intended that each Senior Fellow shall be given the fullest freedom in his intellectual pursuits and that he shall have the benefit of tutorial instruction in the department in which he works.

GAMMA SIGMA KAPPA—This honorary scholastic fraternity was organized at Bethany College in 1932. Students are eligible for membership under the following conditions: maintenance of a quality point average of 2.25 for five consecutive semesters, provided that in no semester their quality point average falls below an average of 2., and, further, students must be recommended by the faculty Committee on Honors.

PI GAMMA MU—The West Virginia Delta Chapter of Pi Gamma Mu is located at Bethany. Its members are selected from students who have maintained a high average grade in at least twenty semester hours of social studies.

ANNA RUTH BOURNE AWARD—A cup has been given the college by an anonymous donor to be known as the Anna Ruth Bourne Scholarship cup. This award is made annually to the sorority or non-sorority group on the campus earning the highest scholarship standing each year.

PITTSBURGH COLLEGE CLUB AWARD—The Pittsburgh College Club, which comprises the college alumnæ of Pittsburgh, has set up an award which is made each year to the outstanding girl in the junior class. This award is based on academic record, qualities of leadership, character, conduct, and general standing on the campus. The club has placed a suitable plaque in Phillips Hall on which the names of the winners are engraved. In addition, an individual award is made each year to the junior girl chosen.

EDUCATIONAL PROGRAM

INSTRUCTION

The dominant tone in the instructional activities at Bethany College is an emphasis upon the common adventure of students and instructors in learning and living. The whole college experience is interwoven with opportunities for exchanging ideas, for giving and absorbing inspiration, and for all kinds of cordial faculty-student relationships. The student is encouraged to find and further himself in the intellectual life, and with the help of faculty counselors, to use all of the college resources in terms of valid educational objectives.

The instructional and guidance plan of the college makes it possible to treat students as individuals with differences in experience, attitudes, and interests. During the first two years, there are frequent individual conferences for the student with his counselor on the progress in courses, projects of study undertaken, and total adjustment in academic, vocational, and social matters. During the last two years of the college experience independent work and self-propelled study are given greater consideration. In regular courses the writing of papers upon projects involving independent research and critical thinking is emphasized, and conferences upon these papers involve close discussion with instructors as to content, soundness and effectiveness of the students' work. Special problems courses for individual study may be planned for reading and research in materials not covered by the formal courses, and in the laboratories minor research is promoted. Systematic reading and independent study of all kinds during the summer as well as during the college year, are encouraged and occasionally these form part of a student's formal program.

The college strives to be a democracy of teaching and learning, in which the give-and-take of discussion between students and instructors in frequent group conferences, in individual tutorial work and in the laboratories, encourages the development of the students' judgment and critical insight. Problems are freely and concretely discussed in an atmosphere of lively criticism. The character of the college plan, a small and select student body and a relatively large faculty primarily interested in teaching and counseling, contribute to effective intellectual activity.

The Academic Council and the Dean of the Faculty give direction and supervision to the instructional program of the college.

LOWER DIVISION

The college curriculum and general plan of instruction recognize a lower division and an upper division. The lower division represents the traditional freshman and sophomore years, and the upper division the traditional junior and senior years. These divisions reflect the progression and educational growth that is expected of students as well as the differences in instructional procedure and purpose of the curriculum at the two levels.

The work of the lower division is intended to complete what is usually termed a "general education" and it represents the undergirding of the student's cultural and academic experience. It is based on the belief that the student should become familiar with different fields of knowledge and that the program of general education offered in higher institutions should be essentially a continuation, on a higher level, of academic work in the secondary school. Students are urged to elect widely in the instructional departments of the college and every major department has survey courses for the lower division students.

One of the chief objectives in the first two years is for the student to discover the field or fields of human achievement in which he possesses a marked and sustained interest combined with distinct ability. Some of the freshmen know what they want to do in college and will have valid reasons for so doing. Others have temporary enthusiasms, preferences and aversions based upon inadequate school experience. Still others, although of good intellectual ability, have no well-defined intellectual purposes or interests. Oftentimes there is need to explore the possibilities in several of the instructional departments of the college. During either the secondary school or college years such exploration is a necessary basis for the intelligent choice of a field of major work. In the selection of subjects or groups in the lower division, the student may be guided somewhat by the nature of the subjects taken in the secondary school so that by the close of the second year he will have a general acquaintance with several fields of knowledge.

In the lower division the student usually completes the prescribed courses for graduation and he may elect some course work in a major field. The courses usually elected by freshmen include a foreign

language, science or mathematics, social science, English, and physical education. An orientation course dealing with college adjustment and vocational selection problems is required as a part of the freshman year. A general survey examination is given at the end of the lower division work. The individual profiles from this examination are used for educational guidance. This examination is given in cooperation with the program of the Committee on Measurement and Guidance of the American Council on Education.

UPPER DIVISION

In the upper division all students work directly under the professor in charge of the major subject. The teaching procedures and materials give emphasis to individual initiative and concentrated work. As far as possible the student's work is library-and-laboratory centered. Extensive reading, problems, and seminars are regular procedures in upper division instruction. The development of an ability to form thoughtful judgments and evaluations, the "attitude of the searcher," and sustained intellectual interests, are a part of the instructional aims at this level. A comprehensive examination, oral and written, in the major subject is required near the end of the senior year.

COMPREHENSIVE EXAMINATION

Near the end of the senior year, as a final prerequisite to the degree, each student is required to pass a comprehensive examination—written and oral—in his major subject; an examination which tests the accomplishments of the student in the whole range of the major. The written part of the examination is given in two days by the major department. The oral part is given at some designated time by a committee selected by the major department from the faculty of any accredited college or university. No course examinations are required at the end of the final semester. Seniors or any other students who wish to take the comprehensive examinations, are eligible to do so only upon recommendation of the head of the department concerned and the approval of the Dean. Those who take the final comprehensive examination are excused from class attendance during the reading period and from final examinations in courses at the end of the semester in which the comprehensive examination is taken.

A reading period of two weeks is set aside each year for all

seniors who want to make a final review of materials before the examination dates. Candidates for degrees are expected, however, to use the entire senior year in making a review and synthesis of their major work.

The comprehensive examination is set and graded with the following points in mind: it should constitute a test of the major subject as a whole and shall offer the opportunity to the student to show his powers of independent thought in that field; it shall not be a test in which the main stress is put on the memorization and repetition of facts; it shall not be a test, the passing of which is unduly difficult of attainment by students of ordinary intellectual ability who have honestly attempted the work of synthesizing the material of the major subjects; and it shall, at the same time, be a test sufficiently searching so that each student may have the opportunity of showing to what extent he may have progressed in his powers of handling material in his chosen subject.

STUDENT GUIDANCE

From the beginning of his college career each student has an individual faculty counselor. After the freshman year the counselor is normally a faculty member in the field in which the student is doing his major work. The student has unusual opportunities to be in frequent contact with his counselor, and reports of accomplishment and difficulties can be made directly to him. The student-counselor relationship, including in its range the student's entire personal and educational development, occupies a significant place in the college plan at Bethany. So far as possible it replaces general faculty regulations with an individualized program aiming at continuity, correlation and integration of work. These counselors, while ministering to all the needs of the student, have as their most important function the interpretation and presentation of sound educational objectives.

The counselor is concerned with the student's selection of courses, his academic progress, standards of conduct, vocational plans and objectives, recreational and social expression. It is hoped that in personal counseling with faculty members there may be implanted in the student a vivid notion of definite and feasible goals toward which he can shape his course and an appreciation of the ideals of scholarship and character that belong to the best traditions of the academic world.

The chief officer in charge of student welfare, student guidance and the coordination of all personnel administration is the Dean of Students. His office is intended to unite all the functions and activities which relate themselves to the personal and educational development of individual students so that there may be an adequate understanding of their problems and a planned solution for the same. The Dean of Students shares in the counseling activities, giving a major part of his time to confronting and dealing with individual students and their adjustments to the college experience and to the larger society. Students may use his office and staff freely in all matters that concern their personal interests and needs as well as their educational progress and development.

The direction of policies related to student welfare, guidance and personnel administration, is undertaken by the Council on Guidance and Personnel. In some instances members and officers of the student body meet with the Council and participate in the development of policies and plans. The Council serves as a coordinating group and its membership includes college officers representing the academic, social, health, religious, residence, and adjustment phases of student personnel administration.

COOPERATIVE STUDY

With eighteen other colleges and universities, Bethany College has participated in the Cooperative Study sponsored by the American Council on Education and under the direction of Dr. Ralph W. Tyler and a central staff from the University of Chicago. The purpose of the study has been to make a thorough evaluation of the program of the college, especially in the first two years where policies of general education must be decided.

OCCUPATIONAL PREPARATION

The predominant idea in the curriculum at Bethany College is to provide sound instruction in the liberal arts and sciences. By proper selection of courses a student can prepare himself for various vocational or professional purposes.

The faculty has authorized the Council on Guidance and Personnel to list "suggested curricula" which combine courses offered in various departments of the college for the guidance of students. These are so planned that they meet the requirements for the baccalaureate degree and at the same time serve genuine vocational objectives. It is not intended that these should be rigid requirements but rather the careful judgment of the Council on Guidance and Personnel as to how the curriculum can serve individual students as they plan for certain post-graduate careers.

GENERAL PROGRAM

FIRST YEAR. In most cases the general requirements for the freshman year will fit into the later educational and vocational plans for students. Most freshmen should plan to enroll for courses about as follows for each semester of the first year.

English composition or literature	3 hrs.
Foreign language	3 hrs.
French, German, Spanish, Greek, Latin	
Introduction to Social Science	3 hrs.
Orientation II-12	1 hr.
Physical Education	1 hr.
Electives	6 hrs. to 9 hrs.

Deviations from this program can be made with the advice and consent of the faculty counselor because each student is recognized as an individual whose training in the past and whose plans for the future may differentiate him from his fellows.

SECOND YEAR. All students are strongly urged to complete the general course requirements for graduation by the end of the second year in college. The major field must be selected by the end of the sophomore year and the foreign language requirement should be satisfied.

The graduation requirement in foreign language must be com-

pleted before the student can become a candidate for a degree. Elective courses in philosophy, literature, art appreciation and music appreciation are recommended.

SPECIAL PROGRAMS

BUSINESS ADMINISTRATION. As preparation for entering any of the occupations in the general field of business or any of the business activities of the government, commercial and regulatory, students can get broad and helpful training by taking their major work in economics and business administration. Related courses in sociology, political science, mathematics, and psychology should be elected. Students considering going into business administration or those who wish to prepare for specialized training in graduate or technical schools in this field are referred to Professor Shaffer.

BUSINESS TRAINING FOR WOMEN. Today there are increased opportunities for women in business. These opportunities present themselves in the field of commercial teaching, retailing, purchasing, personnel administration, and various government positions requiring secretarial training. Experience has shown that a well-rounded academic education provides a background of decided advantage in business. The college has organized certain suggested programs in the liberal arts which, combined with technical instruction, prepare young women for the fields mentioned above. Young women interested in this type of education will take certain courses in economics, secretarial science, business administration, as well as courses in the liberal arts in the college. In addition to this, opportunities are offered for specialized positions, as secretarial accountant, medical secretary, legal secretary, and shorthand reporter. These latter courses are somewhat more specialized in their scope. Young women students interested in business education should consult Miss Eley or Professor Hoagland.

SECRETARIAL TRAINING. Students who find it necessary may prepare for secretarial positions by completing a concentrated minimum course of two years. However, it is desirable that wherever possible students plan their course to cover a four-year period. Students are urged to consider the business training courses for women described in a preceding section. Students interested in secretarial training should consult Miss Eley.

SOCIAL WORK. Fundamental preparation for entering any of the various fields of social work carried on by public and private or-

ganizations is offered in the Department of Sociology. The department offers a major that will prepare students for actual social service activities or for graduate and professional work in the field. Students interested in entering this field should consult Professor Shaffer.

PERSONNEL ADMINISTRATION. It is recommended that those who are planning to work toward a career in the field of business or industrial personnel should major in economics and that those who will enter student personnel or guidance work in connection with educational institutions should major in some teaching subject such as history, science, or English. Courses in education, psychology, sociology, and biology can provide a good background for later study or professional work in this field. Students planning to prepare in this field should confer with Dean Kirkpatrick or Professor Eliassen.

LAW. Students who are preparing to enter a law school should have completed the regular college courses and obtained the Bachelor of Arts degree. Although there are usually no rigid requirements for admission to law schools, the preparation in undergraduate work should include English composition, public speaking, American and English history and psychology. It is also advisable for pre-law students to elect courses in economics and political science, but they may select their major work in departments not included in Group III. Provost Woolery is the adviser for students interested in the study of law.

PUBLIC SERVICE. In preparation for a career in public administration or government service a student will best serve his interests by acquiring a broad foundation in cultural subjects. With this as a basis he may go into specialized work, looking toward research or active participation in affairs of the state. His major should be in history and political science or economics. Students preparing for this work should consult Provost Woolery.

MEDICINE. For students who intend to study medicine the college offers courses which satisfy the entrance requirements of the best medical schools in the country. In keeping with the trend in medical education, pre-medical students are advised to select courses which not only give some preliminary background for the study of medicine, but which also contribute to a broad and liberal education. All pre-medical students are advised to complete a four-year course. For many years Bethany has been approved by the

Executive Council of the Association of American Colleges for pre-medical training. Dean Weimer is the consultant for students interested in preparation for the medical or nursing professions.

DENTISTRY. All dental colleges require a minimum of one-year pre-dental work in a college or university of recognized standing. An increasing number of the better dental schools require two years of pre-professional training for entrance. Students preparing for dentistry should consult Dean Weimer.

MEDICAL TECHNOLOGY. The American Society of Clinical Pathologists requires a minimum of two years college training for the Registry of Medical Technologists. Students interested in this program should take courses in general biology, bacteriology, general chemistry, organic chemistry, and English, with elective courses in mathematics, psychology, and sociology. Students entering the courses are strongly urged to select a three year program instead of the minimum of two years. Attention is further called to the fact that many hospitals require degrees before admitting the students to the Medical Technology course. Students interested in this field should consult Dean Weimer.

NURSING. The nursing profession today offers more opportunities to the young woman with a college background than probably ever before. Schools of nursing are placing added emphasis on broader academic training for the profession. Many schools of nursing require at least two years of college training before admission and others require three and even four years. In addition to courses in general biology, general chemistry, and vertebrate anatomy, students are urged to complete work in the fields of sociology, psychology, and English. By a proper selection of courses it is possible for students to transfer to a course in professional nursing in recognized universities offering such courses and complete their work for combined degrees in education and nursing. Students planning to enter the nursing profession should consult Dean Weimer.

PROFESSIONAL CHEMISTRY. By following a planned program of courses at Bethany College, one can prepare for a position as chemist in many governmental or industrial laboratories. For the chemist, these laboratory positions have far-reaching consequences beyond their immediate worth, since it is common practice for chemical industries to select from this group trainees for their plant operating staffs, their sales departments, and other divisions within their or-

ganizations. During the present emergency, by adopting an accelerated program, an especially able student can secure enough chemistry, mathematics, and physics to enable him to fill capably a number of chemical and technical positions in important defense industries which would normally require a four-year course of college preparation.

Training for chemical research is quite highly professionalized today, and the student who contemplates this should plan to obtain an advanced degree from some graduate school. An excellent undergraduate training is, however, a prerequisite and Bethany offers a chemistry program which is entirely adequate for this purpose. This course of study may also be arranged to fit the convenience of students who anticipate entering the medical, dental, and closely allied professions or for those who expect to teach chemistry. Students interested in a career in which chemistry is basic should confer with Professor Dawson.

ENGINEERING. The courses in mathematics, physics, chemistry, English and economics as given in the small liberal arts college offer the pre-engineering student a good foundation in engineering with the cultural background and the more individualized instruction that is usually denied the technical student. Pre-engineering students are able to pursue a course of study at Bethany which will be acceptable for the first two years of engineering at an engineering school. The pre-engineering student should confer with Professor Allen in planning his work and in coordinating his pre-engineering program with that of the engineering school he has selected.

CHRISTIAN MINISTRY. Students who are preparing for the work of the Christian ministry in the mission field or in the church at home are urged to major in Biblical Literature. Such students will find a wide selection of courses offered in this field. Moreover, they will pursue their studies in an institution with a rich historical background of pioneering in Christian education. In addition to courses in Biblical Literature, students are urged to complete work in the fields of English, history, science, philosophy, psychology, and social science. With this background it is possible for advanced students to secure practical training in the ministry by serving as student pastors of the smaller churches around Bethany.

The college recognizes that adequate preparation for the Christian ministry today requires graduate study in an approved school of religion or divinity school. The training at Bethany will prepare

the prospective ministerial student for such advanced training. Some men on the basis of their Bethany training accept full time pastorates in smaller churches for a year or two before continuing with graduate work, but all Bethany graduates are urged to plan on graduate training at once if possible. Students interested in this field should consult Professor Booth.

JOURNALISM. A thorough education in the liberal arts is generally regarded as the best foundation for journalism. Students preparing for journalism or creative English should elect widely all courses of the department of English. Electives in political science, sociology, history, science, and economics are recommended. Students interested in journalism should confer with Professor Roberts.

EDUCATION—TRAINING OF TEACHERS. Students who are preparing for teaching in secondary schools or for guidance counseling in social or educational fields can secure professional training in the Department of Education.

STATE RECOGNITION. It is possible to qualify for teacher certification in Ohio, Pennsylvania, West Virginia, and other states if certification requirements are met.

HIGH SCHOOL TEACHING. Students who have chosen high school teaching as a profession should elect for their major and minors, subjects or fields that are taught in modern junior or senior high schools. It is also well to consider the current demand for teachers in various fields before deciding on teaching majors and minors. Several states are now urging that prospective teachers be prepared in three fields rather than two. Professional requirements for teaching certificates in the various states may be met by electing proper courses. Prospective teachers are advised to consult Professor Eliassen near the close of the freshman year concerning courses necessary to meet requirements of certain states.

ELEMENTARY SCHOOL TEACHING.—THE SINGLE CURRICULUM. Bethany College is introducing a plan of teacher training under the sponsorship of the State Department of Education of West Virginia which permits a student to qualify for teaching in either the elementary field, in the secondary field, or in both. This is referred to as the "Single Curriculum" and will meet the requirements for teaching in the elementary, or secondary fields in West Virginia and Ohio. In other states such as Pennsylvania and New York a fifth year or its equivalent will be required to qualify for elementary teaching.

GUIDANCE AND COUNSELING. Students wishing to prepare for guidance work in high school may do so by electing the proper courses. Members of the Department of Education, particularly Dean Kirkpatrick, should be consulted for information concerning the requirements for guidance certificates in various states.

PUBLIC SCHOOL MUSIC. Students preparing to supervise or teach music in the public schools must pass examination in piano, including the ability to read simple accompaniments at sight and the playing of a memorized composition of at least fourth grade material. They must also pass an examination in voice. Professor Carter is adviser for students interested in music.

PHYSICAL EDUCATION AND RECREATION. Students who desire to prepare for work in school or community programs of physical education and recreation should major in physical education and take supplementary work in sociology and related fields. It is possible to satisfy the requirements for certification in physical education for a teaching major or minor as prescribed for schools in certain states. Students preparing for work in the field should consult Professor Knight and others in the department.

LIBRARIANSHIP. Professional training in Librarianship should be preceded by a broad educational background especially designed to meet the needs of the profession. Although the general entrance requirements of the accredited library schools include only a reading knowledge of French and German, some specialization in a subject field, and a certain grade average, librarians generally recognize a need for students with a broad education, a minimum of subject specialization at the under-graduate level, and special training in business administration. A four-year pre-professional program has been designed to meet the needs of prospective library school students. The program includes survey courses in the social sciences, the humanities, and the natural and physical sciences in addition to business administration and procedure, economics, psychology, and courses in the special subject field elected by the student. Included in the program is a course entitled *Introduction to Librarianship* and laboratory work in the library. Professor Behymer, librarian, is the adviser for students interested in Librarianship.

GRADUATE STUDY. Because of being fully accredited and on the approved list of the Association of American Colleges, graduates of Bethany College are eligible to take advanced work in the graduate school of any university. By proper selection of undergraduate

courses and with adequate methods for scholarly work established, such graduates will be able to go forward in graduate study without difficulty. Those working for the master's degree should be able to complete the full requirements in the minimum time required by the specific graduate school. For example, a student who has majored in economics and business administration at Bethany with proper selection of courses, will be able to complete the requirements for the master's degree at Wharton School of Finance and Commerce of the University of Pennsylvania in one year. About the same situation applies for graduate study in any of the fields in which Bethany College offers a major. Students who are planning to do graduate study are urged to counsel carefully with the head of the Bethany department related to their proposed field of study. Only students of marked intellectual ability and industry are urged to consider graduate study.

DEPARTMENTS OF INSTRUCTION

Group I—Languages and Literature

- | | |
|-------------|----------------------|
| 1. Classics | Speech and Dramatics |
| Greek | Journalism |
| Latin | 3. Modern Languages |
| 2. English | French |
| Composition | German |
| Literature | Spanish |

Group II—Psychology, Philosophy and Education

- | | |
|------------------------------|-----------------------|
| 1. Education | Philosophy |
| 2. Psychology and Philosophy | 3. Physical Education |
| Psychology | |

Group III—Social Studies

- | | |
|--|-------------------------|
| 1. Economics and Business Administration | Political Science |
| 2. History and Political Science | 3. Library Science |
| European History | 4. Secretarial Training |
| American History | 5. Social Science |
| | 6. Sociology |

Group IV—Science and Mathematics

- | | |
|--------------------------|----------------------------|
| 1. Biology | 4. Mathematics and Physics |
| 2. Chemistry | Mathematics |
| 3. Geography and Geology | Physics |

Group V—Religion and Fine Arts

- | | |
|------------------------|--------------------------|
| 1. Art Appreciation | Homiletics |
| 2. Biblical Literature | 3. Music |
| Old Testament | Literature and Theory of |
| New Testament | Music |
| Church History | Applied Music |

EXPLANATORY NOTES

Courses of instruction are listed by departments. The various departments are arranged according to groups of related departments.

In numbering of courses first semester courses have odd numbers and second semester courses, even numbers. A course having both an odd and even number, as 11-12, runs continuously throughout the year, but may be elected for either semester unless the course is specifically designated "A continuous course," providing the proper prerequisites are met. In registering for a course through the year, the odd number is used the first semester, and the even, the second semester.

In connection with the accelerated program, certain courses in various departments will be offered during the summer term. The exact courses to be offered in the summer term of 1943 and 1944 will be announced in a special bulletin.

The number in parentheses after the name of the course indicates the academic credit given for each semester. The names of the instructors follow the description of the course.

The curriculum of the college recognizes the lower and upper divisions in the arrangement of courses and the numbers of each course. The lower division covers, roughly, the freshman and sophomore years and the upper division, the junior and senior years. Courses in the lower division are numbered from 11 to 49, and in the upper division from 50 to 92.

A course may not be offered, if elected by less than five students.

FRESHMAN ORIENTATION

11. COLLEGE PROBLEMS. (1 hr.)

Lectures and readings related to the adjustment of the student to the college experience. Methods of intelligent self-directed study; development of social personality; use of books and college resources. Required of all freshmen.

Mr. Barlow and others

12. VOCATIONAL ORIENTATION. (1 hr.)

Survey of certain broad occupational fields; aimed toward a better understanding of the world of work and the opportunities in it. Methods for self-appraisal and self-guidance; papers and required readings on occupational information. Required of all freshmen.

Mr. Barlow and others

GROUP I—LANGUAGE AND LITERATURE

CLASSICS

F. R. GAY, HEAD OF THE DEPARTMENT

AIMS:

To develop the ability (a) to read classical Greek and Latin literature with some degree of fluency and appreciation; (b) to understand the influence of Greek and Latin on modern thought and expression; (c) to prepare students for the teaching of Latin, ministerial students for the study of the New Testament; and (d) to provide background materials for the student who is interested in linguistics or archaeology.

REQUIREMENT FOR MAJOR:

Twenty-four hours in the department with a sequence of twenty hours in either Greek or Latin. Each major student must undertake some minor research in either Greek or Latin in the problems course. (Classics 91-92). Students who expect to teach Latin will find Greek very important in their undergraduate courses and practically indispensable for any graduate study of this language. History 65, English 33-34, English 53-54, Philosophy 61-62, and Art Appreciation 31-32 are strongly recommended for all students majoring in this department.

REQUIREMENT FOR MINOR:

Eighteen hours are required for a minor. The sequence of courses must be approved by the head of the department. History 65 is recommended.

GREEK

31-32. ELEMENTARY. (3 hrs.)

The essentials of Attic Greek grammar, and the reading of selections from classical Greek literature. A continuous course. Not offered in 1943-44.

Mr. Gay

51. XENOPHON. (3 hrs.)

The Anabasis. Prerequisite, Greek 31-32.

Mr. Gay

52. PLATO. (3 hrs.)

Apology and Crito. Prerequisite, Greek 31-32.

Mr. Gay

53-54. GREEK TRAGEDY. (3 hrs.)

Selected tragedies of Aeschylus, Sophocles, and Euripides. Prerequisite, Greek 31-32. Not offered in 1943-44.

Mr. Gay

73-74. NEW TESTAMENT GREEK. (3 hrs.)

The Gospel of Luke and the grammar of the Greek New Testament. In the second semester some Pauline Epistles will be studied. Prerequisite, Greek 52 or 54. Not offered in 1943-44.

Mr. Green

LATIN**31-32. VERGIL'S AENEID. (3 hrs.)**

Prerequisite, two units of Latin from a secondary school. A continuous course. Not offered in 1943-44.

Mr. Gay

51. CICERO'S DE AMICITIA AND DE SENECTUTE. (3 hrs.)

Prerequisite, Latin 31-32 or equivalent.

Mr. Gay

52. TACITUS. (3 hrs.)

Germania and Agricola. Prerequisite, Latin 51.

Mr. Gay

53. CICERO'S LETTERS. (3 hrs.)

Prerequisite, Latin 31-32. Not offered in 1943-44.

Mr. Gay

54. HORACE. (3 hrs.)

Odes and Epodes. Prerequisite, Latin 31-32. Not offered in 1943-44.

Mr. Gay

61. LIVY. (3 hrs.)

Prerequisite, Latin 51-52 or 53-54.

Mr. Gay

62. PLAUTUS AND TERENCE. (3 hrs.)

The Menaechmi of Plautus and the Phormio of Terence will be critically studied. Prerequisite, Latin 61.

Mr. Gay

63-64. LATIN COMPOSITION. (2 hrs.)

A course in the writing of Latin especially intended for students who expect to teach the subject. Prerequisite, Latin 51-52 or 53-54.

Mr. Gay

85. TEACHING OF LATIN. (2 hrs.)

Open only to students majoring or minoring in the subject.

Mr. Gay

91-92. PROBLEMS IN CLASSICS.

Subjects, hours, and credits for special study in the classics to be arranged individually with the instructor.

Mr. Gay

ENGLISH

FLORENCE M. HOAGLAND, HEAD OF THE DEPARTMENT

E. E. ROBERTS, PROFESSOR

MARGARET CARRIGAN, INSTRUCTOR

ROMAIN GREENE, INSTRUCTOR

AIMS:

Instruction in this department is intended (a) to prepare all students for a more intelligent and appreciative reading of the materials in all branches of knowledge; (b) to furnish students with a comprehensive knowledge of the English language and literature in preparation for creative writing, graduate study, or as a cultural discipline; (c) to provide background and some technical training for students preparing for professional writing or journalism, and (d) to train students to speak effectively in public.

REQUIREMENT FOR MAJOR:

I. Sequence of courses for students who plan to teach English, to prepare for graduate study, or to acquire a comprehensive knowledge of the English language and literature; English 31-32 and twelve hours in courses numbered above 54 to be approved by the head of the department according to the individual needs of the student. A minimum of twenty-four hours in literature courses is required for a major. Either French or German should be elected to meet the foreign language requirement for graduation.

II. Sequence of courses for students who plan to prepare for journalism, professional writing, graduate study, or teaching in journalism: Journalism 53-54 and twelve semester hours in journalism courses. English 31-32 must be included and six hours in the courses numbered above 54. A minimum of twenty-four hours is required for a major.

REQUIREMENT FOR MINOR:

For students electing a minor under sequence I, at least eighteen hours in the division of literature of which six must be in courses numbered above 54. English 31-32 must be included.

For students electing a minor under sequence II, at least twelve hours in the division of journalism. English 31-32 must be included.

For students electing a minor in Speech and Dramatics, at least eighteen hours in the division. English 31-32 and English 57-58 are recommended.

COMPOSITION

11-12. COMPOSITION AND READING. (3 hrs.)

First semester: emphasis on fundamentals of composition with writing in various

forms. Second semester: greater emphasis on content and style in composition, and instruction in the technique of preparing a research paper.

NOTE: English 11 will be repeated in the second semester.

Mr. Roberts and Miss Greene

13-14. COMPOSITION AND LITERATURE. (3 hrs.)

Emphasis on content, diction, and style in composition. Appreciative study of literature. Consideration of research papers and bibliography. Prerequisite, superior rank in English placement test for freshmen. Not open to students who have completed English 11-12.

Miss Hoagland

LITERATURE

31-32. ENGLISH LITERATURE AND ITS BACKGROUND. (3 hrs.)

A study of the masterpieces of English poetry and prose, together with specimens of foreign works by which they have been influenced.

Miss Carrigan

33-34. GREEK MYTHOLOGY IN ENGLISH LITERATURE. (1 hr.)

No knowledge of the ancient languages is required. The purpose of the course is to furnish a background of classical mythology necessary for the interpretation of the English poets.

Mr. Gay

51. AMERICAN LITERATURE TO 1860. (3 hrs.)

A survey of American literature as an aspect of American culture, as a development of thought in America, and in relation to the life and literature of the western world. Special emphasis on Irving, Poe, Hawthorne, and Emerson. Not offered in 1943-44.

Mr. Gay

52. AMERICAN LITERATURE FROM 1860 TO 1900. (3 hrs.)

A survey course with emphasis upon the New England writers, and upon Whitman, Howells, and Mark Twain. Not offered in 1943-44.

Mr. Gay

53. EUROPEAN LITERATURE. (3 hrs.)

A reading of some of the most important masterpieces of Greek and Roman literature in translation, with a comparison of authors and ideas, and with reference to influences on modern thought. Prerequisite, six semester hours in English literature. Not offered in 1943-44.

Mr. Gay

54. EUROPEAN LITERATURE. (3 hrs.)

A reading of some of the most important masterpieces of European literature in the middle ages, the renaissance, and modern times (to the twentieth century).

The comparative method is used as in English 53, with emphasis on influences. Prerequisite, six semester hours in English literature. Not offered in 1943-44.

Mr. Gay

55. GROWTH AND STRUCTURE OF THE ENGLISH LANGUAGE. (3 hrs.)

The course will deal historically with the language, its early grammar, its foreign borrowings. Readings from the poetry and prose of the Old English period.

Miss Hoagland

56. CHAUCER AND MIDDLE ENGLISH. (3 hrs.)

A survey of Middle English literature. Special study of the *Canterbury Tales* and some of the minor poems which reveal the development of Chaucer's skill.

Miss Hoagland

57-58. SHAKESPEARE. (3 hrs.)

Principal plays of Shakespeare. Four plays will be studied closely each semester; nine or ten others will be read more rapidly. Not offered in 1943-44.

Miss Hoagland

59. THE RENAISSANCE. (3 hrs.)

Non-dramatic literature of the English Renaissance will be studied; special emphasis on Spenser. Prerequisite, English 31-32.

Miss Hoagland

60. THE SEVENTEENTH CENTURY. (3 hrs.)

From Donne and the metaphysical poets through the age of Dryden. Prose and poetry will be studied, special emphasis on Milton. Prerequisite, English 31-32.

Miss Carrigan

61. THE EIGHTEENTH CENTURY. (3 hrs.)

Interpretation of the literature and social life of the eighteenth century. Emphasis on Defoe, Steele and Addison, Pope, Swift, Johnson and his circle. Not offered in 1943-44.

Miss Hoagland

62. THE EIGHTEENTH CENTURY. (3 hrs.)

Drama: Congreve through Sheridan. Poetry: Collins and Gray through Blake. Novels: Selected from Richardson, Fielding, Sterne, and Jane Austen. Not offered in 1943-44.

Miss Hoagland

64. THE ROMANTIC PERIOD. (3 hrs.)

The poetry of the romantic movement from 1785 to 1832. Emphasis on Coleridge, Wordsworth, Byron, Shelley, and Keats. Prerequisite, English 31-32. Not offered in 1943-44.

Miss Hoagland

65-66. VICTORIAN LITERATURE. (3 hrs.)

The poetry and prose of the Victorian age with emphasis on Carlyle, Browning, and Tennyson in the first semester. A study of Arnold, Morris, Swinburne, and Hardy in the second semester. Prerequisite, English 31-32. Not offered in 1943-44.

Miss Carrigan

70-71. CONTEMPORARY LITERATURE. (3 hrs.)

Poetry, novel, and drama. Drama from Ibsen to Odets; poetry from Bridges to MacLeish; novel from James to Cather. Prerequisite, six semester hours in English literature, or permission of the instructor.

Miss Hoagland

86. TEACHING OF ENGLISH. (2 hrs.)

The aims, methods, and materials of teaching English in secondary schools. Open to upperclassmen who expect to teach English. Not offered in 1943-44.

Mr. Roberts

87-88. SEMINAR IN ENGLISH LITERATURE. (1 hr.)

A course for advanced students majoring in English. A correlating and supplementing of the work done in previous courses. Extensive reading. Of value for the comprehensive examination.

Miss Hoagland and Miss Carrigan

91-92. PROBLEMS IN LITERATURE. (1 hr.)

Conferences, papers, and reports on minor research problems. Limited to seniors of superior achievement who are majoring in English.

Miss Hoagland

SPEECH AND DRAMATICS**41. ELEMENTS OF SPEECH. (3 hrs.)**

The fundamentals of speech, including tone production and control, platform presence, organization of material, and some work in the delivery of extemporaneous speeches. Enrollment is limited to twenty students in each section.

Mr. Booth

42. PUBLIC SPEAKING. (3 hrs.)

The practical application of the principles of speech. Prerequisite, Speech 41 or permission of the instructor. Enrollment limited to twenty students.

Mr. Booth

44. ARGUMENT. (3 hrs.)

A study of the principles of logic and psychology which underlie the art of persuasion, followed by practice in application of the theories developed. Prerequisite, Speech 41, or permission of the instructor. Enrollment limited to twenty students.

Mr. Booth

50. SPEECH CORRECTION. (3 hrs.)

Organic and functional causes of speech difficulties. Not offered in 1943-44.

Miss Greene

51. VOICE AND DICTION. (3 hrs.)

Drill and exercises in breathing, voice control, and diction.

Miss Greene

52. ORAL INTERPRETATION. (3 hrs.)

Consideration of such forms as monologues, stories, ballads, lyrics, and dramatic poems. Principles of analysis, empathy, attention, imagery.

Miss Greene

53-54. PLAY PRODUCTION. (3 hrs.)

To promote an understanding and appreciation of the theatre from the point of view of the actor, director, technician, and audience. Practical work in stagecraft, movement, makeup, pantomime, etc.

Miss Greene

55. THEATRE ARTS. (3 hrs.)

An exposition of the continuity of theatrical development. Outside reading of biographies and critical reviews. Critical study of current plays, historical trends, and production problems. Not offered in 1943-44.

Miss Greene

57-58. SHAKESPEARE.

See English 57-58.

60. RADIO SPEECH. (3 hrs.)

Practice in radio speaking and dramatics. Preparation of scripts.

Miss Greene

72. PLAY WRITING. (3 hrs.)

See Journalism 72.

JOURNALISM

53. REPORTING. (3 hrs.)

A study of the techniques and values in news reporting. Emphasis on learning to write clearly, forcefully, and distinctly. The writing of a daily news story and a weekly feature will be requirements in the course.

Mr. Roberts

54. JOURNALISTIC TYPES. (3 hrs.)

A study of the essay, satire, short story, feature, biography, and magazine article, with written work concentrated on one type to be selected by the student.

Mr. Roberts

63. FEATURE WRITING. (3 hrs.)

The writing of special features for magazines and trade journals, and the submission of at least ten articles for publications. How to find themes to write about, how to handle the material, and how to put together the finished product.

Mr. Roberts

64. EDITORIALS AND PUBLIC OPINION. (3 hrs.)

A study of editorials, columns, motion pictures, and radio both as reflectors and moulders of public opinion. The writing of a daily column will be one requirement of this course.

Mr. Roberts

65. ADVERTISING. (3 hrs.)

A study of department store, financial and business advertising programs, buying motives, sales appeals, copywriting, layout and direct mail.

Mr. Roberts

66. HISTORY OF AMERICAN JOURNALISM. (3 hrs.)

Journalistic backgrounds followed by a development of American newspapers and magazines from colonial days to the present. A parallel study of the rise of advertising. Present day trends of news dissemination.

Mr. Roberts

71. SHORT STORY. (3 hrs.)

A study of short story types, and the writing of fifteen short stories. Not offered in 1943-44.

Mr. Roberts

72. PLAY WRITING. (3 hrs.)

A study of modern plays and the writing of six one act plays and two three act plays. Not offered in 1943-44.

Mr. Roberts

MODERN LANGUAGES

PEARL MAHAFFEY, HEAD OF THE DEPARTMENT

EARL D. MCKENZIE, ASSISTANT PROFESSOR

JULIA RACINE SPICER, INSTRUCTOR

AIMS:

The aim of the department is (a) to introduce students to the language, literature and culture of France, Germany, and the Spanish speaking countries; (b) to provide training in reading facility for students who may be interested in scientific or historical study requiring the language as a "tool subject"; and (c) to give adequate training in language, literature and expression to students who are preparing to be teachers, translators, or representatives in foreign service.

REQUIREMENT FOR A MAJOR IN FRENCH:

Twenty-four hours in French, above French 11-12, with eighteen hours in the upper division. French 65-66 is required and English 33-34. To be recommended to teach any of the modern foreign languages the student must have completed French 85.

REQUIREMENT FOR A MINOR IN FRENCH, GERMAN, OR SPANISH:

At least eighteen hours in the same language.

FRENCH

11-12. FIRST YEAR FRENCH. (3 hrs.)

Fundamentals of grammar, pronunciation and composition. Emphasis on reading. For students who have no acquaintance with the language. A continuous course.

Dr. Spicer

31-32. INTERMEDIATE FRENCH. (3 hrs.)

Grammar review, composition, dictation, intensive and extensive reading. Prerequisite, French 11-12, or a satisfactory standing in an achievement test.

Miss Mahaffey

51-52. CONVERSATION. (2 hrs.)

Study of prose composition, syntax, and phonetics. Dictation and conversation. Prerequisite, French 31-32.

Miss Mahaffey

55-56. MODERN DRAMA. (3 hrs.)

French drama since 17th century. Prerequisite, a reading knowledge of French. Conducted in French.

Miss Mahaffey

61-62. NOVEL. (3 hrs.)

The French novel from its beginning to the 20th century. Prerequisite, a reading knowledge of French. Conducted in French. Not offered in 1943-44.

Mr. McKenzie

65-66. HISTORY OF FRENCH LITERATURE. (3 hrs.)

A survey of French literature from the early periods to the present time. Not offered in 1943-44.

Miss Mahaffey

71. SEVENTEENTH CENTURY DRAMA. (3 hrs.)

Plays of Corneille, Racine and Moliere. Conducted in French.

Mr. McKenzie

73. NINETEENTH CENTURY POETRY. (3 hrs.)

Schools of poetry, Romanticism, Parnassian and Symbolism. Conducted in French.

Mr. McKenzie

82. SEMINAR FOR MAJOR STUDENTS. (2 hrs.)

Intensive study of French civilization and culture. Geography, history, government, science, press, art and music in France. Readings and discussions in French.

Miss Mahaffey

85. TEACHING OF MODERN LANGUAGES. (2 hrs.)

Teaching methods and problems in Modern Languages. Required of all students who expect the recommendation of the department as teachers of French, German or Spanish. Not offered in 1943-44.

Miss Mahaffey

GERMAN**11-12. FIRST YEAR GERMAN. (3 hrs.)**

Fundamentals of grammar, composition and reading with emphasis on reading and speaking. For students who have no acquaintance with the language. A continuous course.

Mr. McKenzie

31-32. INTERMEDIATE GERMAN. (3 hrs.)

Grammar, composition, intensive and extensive reading. Practice in every day conversation. Special emphasis on outside reading in student's major or minor field. Prerequisite, German 11-12 or satisfactory standing in achievement test. A continuous course.

Mr. McKenzie

51-52. CONVERSATION AND COMPOSITION. (1 or 2 hrs.)

Practical conversation, study of syntax, prose composition and dictation. Admission on approval of instructor.

Mr. McKenzie

57-58. NINETEENTH CENTURY. (3 hrs.)

Reading and critical study of the nineteenth century, especially Kleist, Hebbel, and Keller. Special emphasis on the drama and the Romantic school. This class is conducted in German. Prerequisite, German 31-32 or equivalent. Alternates with German 67-68. Not offered in 1943-44.

Mr. McKenzie

67-68. EIGHTEENTH CENTURY. (3 hrs.)

Readings of the works of Lessing, Goethe, and Schiller. Conducted in German. Prerequisite, German 31-32, or equivalent.

Mr. McKenzie

SPANISH**11-12. FIRST YEAR SPANISH. (3 hrs.)**

Fundamentals of grammar, composition, pronunciation and reading, with consid-

erable emphasis on spoken Spanish. For students who have no acquaintance with the language. A continuous course.

Miss Spicer

31-32. INTERMEDIATE SPANISH. (3 hrs.)

Grammar, oral work and reading. Practice in dictation, writing, and speaking. Reading of modern prose and plays. Prerequisite, Spanish 11-12 or a satisfactory standing in an achievement test. A continuous course.

Miss Spicer

51-52. CONVERSATION AND COMPOSITION. (3 hrs.)

Drill in conversational, practical Spanish and advanced composition. Study of business and commercial Spanish. Prerequisite, Spanish 31-32, or approval of instructor.

Miss Spicer

GROUP II—PSYCHOLOGY, PHILOSOPHY, AND EDUCATION

EDUCATION

R. H. ELIASSEN, HEAD OF THE DEPARTMENT

F. H. KIRKPATRICK, PROFESSOR

LOUISE E. GETTYS, ASSOCIATE

AIMS:

The Department of Education seeks to develop in all students a wholesome and intelligent attitude towards public education; to stress a thorough understanding of human growth and development; to cultivate thinking about problems in education; to integrate its work with that of other departments in a well rounded liberal and professional education of prospective teachers who may qualify for teaching in Ohio, Pennsylvania, West Virginia, and neighboring states; and to offer background and some technical preparation for types of guidance and personnel work.

REQUIREMENT FOR MAJOR:

A minimum of twenty-six hours in the department, with a sequence of courses approved by the head of the department. Three hours of general psychology are required.

REQUIREMENT FOR MINOR:

Twenty hours in the department.

TEACHER TRAINING:

Students who are interested in teaching should confer with the head of the Department of Education as early as possible, preferably during the freshman year and not later than the beginning of the upper division work. Such a conference or series of conferences seek to help the student acquire an understanding of the teaching profession, the opportunities in various fields of teaching, the requirements for certification in the various states, and the personal qualities considered essential for successful teaching.

31-32. HUMAN GROWTH AND DEVELOPMENT. (6 hrs.)

A careful study of the individual through childhood and adolescence. The important aspects of this development will be considered. An important part of the course will be the study of the nature and direction of learning, laws of learning, factors in learning, transfer of training, and individual differences. Materials and evidence from biology, psychology, sociology and other subjects will be drawn upon. Actual first hand study of children will be stressed including case studies and field experiences. This course may be taken to satisfy the requirements for Introduction to Education and Educational Psychology.

Mr. Eliassen and others

42. EDUCATIONAL PSYCHOLOGY. (3 hrs.)

See Psychology 42 or Education 32.

46. WEST VIRGINIA GEOGRAPHY, GOVERNMENT, AND HISTORY. (3 hrs.)

This course gives the important background for the "Mountain State."

51. HISTORY AND PHILOSOPHY OF EDUCATION. (3 hrs.)

A general survey of educational theory and practice from the days of Ancient Greece to the present day. The pivotal aim of the course is to secure an understanding of contemporary education through a survey of the educational thinking of great leaders of educational thought past and present.

Mr. Eliassen

52. PRINCIPLES OF EDUCATION. (3 hrs.)

Stresses social and economic principles that govern education in America as well as the immediate and ultimate aims to be realized. Important issues and trends receive emphasis. A minimum of six observations in secondary schools is required.

Mr. Eliassen

55. STATISTICAL METHOD. (2 hrs.)

Elementary methods of handling quantitative data in educational or psychological studies. Frequency distribution, nature of measurement, central tendency, variability, zero-order correlation, and simple graphic methods. Some attention to test scaling, multiple pattern scores, and sampling error theory. No treatment of development of statistical formulae or mathematic theory underlying them.

Miss Gettys

57. HUMAN ADJUSTMENT. (3 hrs.)

See Psychology 57.

62. MENTAL MEASUREMENTS. (2 hrs.)

See Psychology 62.

64. EDUCATIONAL MEASUREMENT. (2 hrs.)

Techniques for the measurement and evaluation of educational competence and development. Construction, validation, use and interpretation of tests, rating scales, and inventories. Standard measurements of achievement, interests, attitudes, and special abilities. New developments in the evaluation program of the Army Institute.

Miss Gettys and Mr. Kirkpatrick

65. VISUAL AND AUDITORY EDUCATION. (2 hrs.)

Emphasis on special materials and methods of visual and auditory education including motion pictures and radio. Problems of selection, integration, and evaluation will be stressed. Not offered in 1943-44.

Mr. Eliassen

72. VOCATIONAL AND EDUCATIONAL GUIDANCE. (2 hrs.)

General introduction to functions and procedures related to vocational and educational guidance. Major objectives, interrelations, counseling, records, interests, and aptitudes, organization plans. Stress put upon guidance and orientation within the world of work.

Mr. Eliassen or Mr. Kirkpatrick

73. PRIMARY METHODS. (2 hrs.)

A study of procedures and methods as they apply to the primary grades with special emphasis on new practices that have proved effective.

74. EDUCATIONAL ADMINISTRATION. (2 hrs.)

Study of federal, state, and local administration of the schools. Functions of the board of education, superintendent, principal, and the teacher are stressed. Special consideration will be given to personnel problems of students and teachers. A minimum of six observations in some school system is required. Not offered in 1943-44.

Mr. Eliassen

75. INTEGRATED METHODS. (3 hrs.)

A study and laboratory course in procedures and methods as they apply throughout the public schools from intermediate grades through the secondary schools.

Mr. Eliassen and ———

81 or 82. OBSERVATION AND DIRECTED TEACHING. (6 hrs.)

This course is offered each semester and includes observations, participation activities, and student teaching under supervision in the schools of Brooke and Ohio Counties. Two group conferences are scheduled for each week and these are supplemented by individual conferences with critic teachers and the instructors in charge of the course. Each student will spend at least one period a day during the semester, teaching and observing. This is an intensive training course for students seriously interested in teaching as a profession. Students should not register for more than 16 semester hours of work during the semester in which this course is carried.

Mr. Eliassen, ———, and Critic Teachers

85 or 86. SPECIAL METHODS. (2 or 3 hrs.)

Many departments of the college offer courses in the teaching of the corresponding secondary school subjects. These courses present the most approved methods in teaching subjects at the secondary school level. Such courses are open only to juniors and seniors who expect to teach. The following special methods courses are offered:

Latin 85	History 85	Chemistry 85
English 86	Sec. Tr. 85-86	Mathematics 86
French 85	Biology 85	Physics 85
Physical Ed. 85		

85-86. PUBLIC SCHOOL MUSIC. (3 hrs.)

See Music 85-86.

85-86. PUBLIC SCHOOL ART. (3 hrs.)

This is largely a laboratory course devoted to techniques and procedures in applied arts to prepare teachers for directing art activities in the modern school.

91 or 92. PROBLEMS. (1 or 2 hrs.)

Independent study and investigation in the field of professional education. Open only to students of unusual ability and adequate background in the field of education.

Mr. Eliassen and Mr. Kirkpatrick

93. POST-WAR EDUCATIONAL RECONSTRUCTION. (2 hrs.)

Critical review of various plans for educational reconstruction in Europe and America at the close of the War: the relationship between political, social, and educational re-adjustments and changes; specific steps toward realization of new educational goals.

Mr. Eliassen and others

PSYCHOLOGY AND PHILOSOPHY

ANDREW LEITCH, HEAD OF THE DEPARTMENT

D. E. STEVENSON, INSTRUCTOR

AIMS:

Psychology is intended to acquaint the student with the facts and laws of behavior, especially human behavior—physical and mental, normal and abnormal—and with the experimental and scientific approach to problems in this field. The courses offered are designed (a) to enable the student to develop a wholesome personality and to make adequate social adjustments; (b) to give background preparation for professions which relate to individual and group behavior; (c) to equip the student in an elementary way for practical work in mental measurements, personnel analysis, and applied fields; and (d) to lay a broad foundation for graduate work and professional study in this or some related field.

PSYCHOLOGY

REQUIREMENT FOR MAJOR:

At least twenty-four hours of psychology, which must include Psychology 31-32, 42, 53, 62, 64, and 75. A major should also include Biology 11-12 and Education 55. Biology 43, Education 54, and Sociology 31-32 are recommended.

REQUIREMENT FOR MINOR:

At least eighteen hours of psychology, which must include Psychology 31-32, 53, 62, and 64. Education 55 is recommended.

31-32. GENERAL PSYCHOLOGY. (3 hrs.)

An introductory course providing a systematic study of the most important facts and laws of behavior and mental life. Emphasis on their practical significance in the professions, business, industry, and personal life. Laboratory demonstrations.

Mr. Leitch

42. EDUCATIONAL PSYCHOLOGY. (3 hrs.)

A study of the nature and laws of learning; original nature as conditioning learning; the amount, rate, limit, and permanence of improvement; factors and conditions affecting learning; transfer of training; mental fatigue; individual differences; efficient methods of study. Prerequisite, Psychology 31, preferably Psychology 31-32.

Mr. Leitch

53. EXPERIMENTAL PSYCHOLOGY. (3 hrs.)

A laboratory course in which the student carries on a series of typical psychological experiments in sensory, motor, intellectual, and emotional processes. Students electing Psychology 53 should continue with Psychology 62 and 64. Prerequisite, six semester hours in psychology.

Mr. Leitch and assistant

54. APPLIED PSYCHOLOGY. (3 hrs.)

A general course treating the application of psychological principles to problems in the fields of business, industry, and the professions. Prerequisite, six semester hours in psychology.

Mr. Leitch

55. SOCIAL PSYCHOLOGY. (3 hrs.)

A systematic study of the behavior of the individual in his social relationships, with especial attention to the significance of motives and attitudes; and problems related to adequate and inadequate social adjustments. Prerequisite, six semester hours in psychology. Not offered in 1943-44.

Mr. Leitch

57. PSYCHOLOGY OF PERSONALITY. (3 hrs.)

A study of the phenomena of personality with especial attention to the psychology of adjustment—basic human drives, factors affecting personality formation in childhood and adolescence, adequate and inadequate personality adjustments, readjustment, the development of a wholesome well-adjusted personality. Prerequisite, six semester hours in psychology.

Mr. Leitch

58. ABNORMAL PSYCHOLOGY. (3 hrs.)

A systematic study of mental deficiency, the neuroses, the psychoses (insanity), and abnormal traits in everyday life. Study trips to nearby special classes and institutions for mental cases. Prerequisite, six semester hours in psychology.

Mr. Leitch

59. DEVELOPMENTAL PSYCHOLOGY. (3 hrs.)

A study of the physical, intellectual, emotional, social, moral, and religious development of the individual in infancy, childhood and adolescence, with especial reference to the more serious problems of children and adolescent youths. Prerequisite, six semester hours of psychology.

Mr. Leitch

62. MENTAL MEASUREMENTS. (2 hrs.)

A study of the more important techniques for the measurement of mental capacity, with especial attention to intelligence, special aptitudes and personality. The use of tests in education, in business and industry, in rehabilitation work, and in out-of-school agencies. Prerequisite, six semester hours in psychology.

Mr. Leitch

64. MENTAL TESTING AND DIAGNOSIS. (1 hr.)

A laboratory course in which the student has an opportunity to learn the techniques of individual and group mental testing. Emphasis on interpretation of test results, evaluation of tests, classification and diagnosis. A companion course of Psychology 62.

Mr. Leitch

65-66. INDUSTRIAL AND BUSINESS PSYCHOLOGY. (3 hrs.)

General treatment of the application of psychology to problems in the industrial and business world. First semester, personnel selection and training, job analysis and evaluation, accidents and fatigue, employee supervision and motivation. Second semester, advertising, selling, and market research. Prerequisite, six semester hours in psychology. Psychology 53 is recommended as a prerequisite. Not offered in 1943-44.

Mr. Kirkpatrick

75. CONTEMPORARY SCHOOLS OF PSYCHOLOGY. (3 hrs.)

A study of the historical development and an evaluation of some of the more important trends and schools of contemporary psychology, such as introspectionism, behaviorism, psychoanalysis, Gestalt, etc. Limited to juniors and seniors offering Psychology 31-32 or equivalent as prerequisite.

Mr. Leitch

91-92. PROBLEMS. (1 hr.)

An advanced course in which the student may either (a) carry on some minor psychological experiment; or (b) review the literature related to some field of investigation in psychology; or (c) study some problem in psychological research. Limited to senior majors. May be elected only with the approval of the head of the department.

Mr. Leitch

PHILOSOPHY

AIMS:

Philosophy aims to study the problems of life, especially the more persistent problems of reality, knowledge, morality and religion, that the student may

develop habits of clear thinking, and may integrate his knowledge from different fields into a unified whole, thus affording him "vision in the light of the whole."

REQUIREMENT FOR MINOR:

Eighteen hours of philosophy, with the sequence of courses approved by the head of the department.

53-54. HISTORY OF PHILOSOPHY. (3 hrs.)

A rapid survey of western philosophical thought from the seventh century B.C. to modern times. A study of the philosophical sources of modern ideas in certain matters of government, ethics, education, and religion. Not offered in 1943-44.

Mr. Stevenson

57. ETHICS. (3 hrs.)

An introductory course combining the historical and systematic approaches to the main types of ethical theory and problems of individual and social morality.

Mr. Stevenson

58. REFLECTIVE THINKING. (3 hrs.)

An analysis of the nature of reasoning and reflective thinking; false thinking; principles and methods of inductive and deductive reasoning.

Mr. Stevenson

59. FRONTIERS OF THOUGHT. (3 hrs.)

A course in philosophical problems designed to introduce the student to actual experience in the philosophical method.

Mr. Stevenson

60. PHILOSOPHY OF RELIGION. (3 hrs.)

Investigation of the life situation out of which religion rises for the individual and society; a study of religion in belief and in practice.

Mr. Stevenson

61-62. PLATO. (3 hrs.)

A critical study of the philosophy of Plato and its influence on ancient and modern thought and culture. The second semester will be devoted to a specific study of the "Republic" and its influence upon philosophy and literature.

Mr. Gay

PHYSICAL EDUCATION AND HEALTH

J. J. KNIGHT, HEAD OF THE DEPARTMENT

MARGARET HILE, INSTRUCTOR

ARNOLD G. NICHOLSEN, INSTRUCTOR

AIMS:

It is the aim and plan of the department of physical education and health (a) to promote a program of vigorous activities sufficient for the physical

development of the student; (b) to provide opportunities for students to participate in and secure a reasonable degree of proficiency in physical recreation activities; and (c) to train physical education and play leaders for educational, industrial, and community situations.

REQUIREMENTS FOR MAJOR:

A minimum of thirty hours which should include the following courses; Physical Education 15 or 16, 32, 37, 67, 70, 76, 77, and 85.

REQUIREMENTS FOR MINOR:

A minimum of twenty hours in the department with the sequence of courses approved by the head of the department.

REQUIREMENTS FOR ALL STUDENTS:

Freshmen—Physical Education 11-12 is required. Physical Education 15 or 16 may be elected in the freshman year.

Sophomores—Physical Education 25-26 and Physical Education 15 or 16, if not elected in the first year, shall be taken the sophomore year. Students who are physically unfit as certified by the college physician may petition to be allowed to substitute hours in other courses in lieu of activity courses in physical education. Students who are not candidates for a degree may be exempt from the requirement in physical education. Any petition for exemption from physical education should be addressed to the Committee on Admissions and Classifications.

11-12. FRESHMAN PHYSICAL EDUCATION. (1 hr.)

Outdoor and indoor activities. Adapted to abilities of the student. Instruction in the technique and rules of a wide variety of individual and team games. Required of all freshmen. An activities course.

Miss Hile, Mr. Nicholsen, and assistants

15 or 16. PERSONAL HYGIENE. (2 hrs.)

Fundamental knowledge of personal hygiene and how the health of the individual may be conserved. Especially for freshmen and sophomores. Offered each semester.

Mr. Sumpstine

21-22. TAP AND CHARACTER DANCING. (1 hr.)

A practical course starting out with elementary tap steps and combinations working up to finished routines and dances. Open to men and women. An activity course.

Miss Hile

23-24. FOLK DANCING. (1 hr.)

A practice course in folk dancing from many countries. English and American country dances are studied during the first semester and European folk dances during the second semester. Open to men and women. An activity course.

Miss Hile

25-26. SOPHOMORE PHYSICAL EDUCATION. (1 hr.)

A practice course dealing with individual and team sports. Intended for sophomores who want to elect a general recreation course. An activity course.

Mr. Knight, Miss Hile, Mr. NicholSEN

27-28. UPPER CLASS PHYSICAL EDUCATION. (1 hr.)

An activity course.

Mr. Knight and Miss Hile

31. SCOUTING. (1 hr.)

Fundamentals of scouting. Elements of scout leadership, troop and pack management, program planning, camping, etc. A practical course involving experience with the local troop and occasional visits to Camp Bethany.

Mr. NicholSEN

32. COMMUNITY HYGIENE. (2 hrs.)

A study of health matters pertaining to the group. Not offered in 1943-44.

Miss Hile

34. CAMPING AND OUT DOORS. (1 hr.)

See Biology 34.

35. ELEMENTARY SWIMMING. (1 hr.)

Instruction for beginners in buoyancy and floating test. Preliminary tests for swimming, and such strokes as elementary back, side and single over arm. An activity course.

Miss Hile and Mr. NicholSEN

36. ADVANCED SWIMMING. (1 hr.)

Instruction in the correct form of the more advanced strokes as the trudgen, American crawl, racing back, and breast. Diving and life-saving. Prerequisite, Physical Education 35 or equivalent. An activity course.

Miss Hile, Mr. NicholSEN, and assistants

37. PLAYGROUND MANAGEMENT. (3 hrs.)

Instruction in playground management, group games, relays, stunts, rhythmic material for elementary children. Two hours of theory and one hour of practice.

Mr. NicholSEN

39. PREVENTION AND CARE OF INJURIES. (2 hrs.)

Common hazards of play and athletics with a study of prevention measures and treatment of injuries. Red Cross First Aid Certificate may be earned by those who pass the examination.

Mr. NicholSEN and Miss Hile

45. TUMBLING AND STUNTS. (1 hr.)

Practice course beginning with individual stunts to advanced group work. Open to men and women. An activity course.

Mr. Knight

46. GYMNASTICS AND APPARATUS. (1 hr.)

A survey course of various gymnastic systems and practice in apparatus. An activity course. Not offered in 1943-44.

Mr. NicholSEN

47-48. THEORY AND PRACTICE OF TEAM SPORTS. (1 hr.)

Intensive practice with opportunity to officiate in team sports. Sports for men, touch football, soccer, speedball, volleyball, basketball, and baseball.

Miss Hile and Mr. NicholSEN

51-52. MODERN DANCING. (1 hr.)

A practice course in contemporary dancing, emphasizing the use of fundamental expressive movements in creative work. An activity course.

Miss Hile

53. COACHING FOOTBALL. (2 hrs.)

A study of fundamentals, offensive and defensive styles of play, conditioning players, rules of the game from the viewpoint of a player, coach, official and spectator.

Mr. Knight

54. COACHING BASKETBALL. (2 hrs.)

A study of fundamentals, offensive and defensive styles of play, conditioning players, rules of the game and officiating. The place of basketball in the intramural program.

Mr. Knight

56. BASEBALL, TRACK, AND FIELD. (2 hrs.)

A study of strategy and fundamentals of baseball, track, and field. Not offered in 1943-44.

Mr. Knight

58. COMMUNITY RECREATION. (2 hrs.)

The new leisure and its meaning, education for leisure, effect of leisure on personality, recreation and social maladjustment, recreation movements and activities in the United States and foreign countries.

Mr. NicholSEN

67. PHYSIOLOGY. (3 hrs.)

See Biology 67.

70. KINESIOLOGY. (3 hrs.)

A study of fundamental bodily movements, with inquiry as to how they are performed, their reaction on the body, and their relation to bodily development and bodily efficiency. Prerequisites, Biology 36 and Biology 67.

Mr. NicholSEN

72. CORRECTIVE GYMNASTICS AND NORMAL DIAGNOSIS. (2 hrs.)

A study of variations of the normal types of the human organism at different age levels. Therapeutic measures will be evaluated, especially those which refer to the correction of mechanical defects. Prerequisites, Biology 36 and Biology 67.

Miss Hile and Mr. Nichol森

74. ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION. (3 hrs.)

This course deals with administrative relationships and procedures in the conduct of physical education. For advanced students who are majoring or minoring in the department.

Mr. Knight

76. THEORY AND PRACTICE OF INDIVIDUAL SPORTS. (2 hrs.)

Intensive practice in badminton, handball, archery, tennis, and golf. Knowledge of rules and tournament methods will be stressed. Open to both men and women.

Miss Hile and Mr. Knight

77. HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION. (3 hrs.)

A survey of the development of physical education from ancient times to the present. A study of objectives in the physical education program and their relation to education in general. For students who are majoring or minoring in the department.

Mr. Knight

85. METHODS OF HEALTH AND PHYSICAL EDUCATION. (3 hrs.)

Methods, materials, and techniques pertinent to the teaching of health and physical education. Prerequisites, Physical Education 15 or 16, Physical Education 32, and Biology 67.

Mr. Knight

91-92. PROBLEMS. (1 or 2 hrs.)

For advanced students of unusual ability in physical education who can undertake special problems for study or who are prepared to develop and project a program. Readings, reports, and projects will be required.

Mr. Knight and members of the staff

EQUIPMENT:

Men and women taking activity courses in physical education must wear regulation gymnasium apparel. For the men this consists of basketball or gymnasium shoes, white socks, white gymnasium shirts, pants, and sweat-suits. For women the regulation costume consists of a green and white washable suit, shirt, white sneakers and socks.

GROUP III—SOCIAL STUDIES

ECONOMICS AND BUSINESS ADMINISTRATION

WILLIAM B. SHAFFER, ACTING HEAD OF THE DEPARTMENT

JOSEPH H. JONES, INSTRUCTOR

AIMS:

The courses are designed (a) to give an understanding of the principles involved in economic behavior, of the relationships and process of the modern economic system, and of the relationships between this system and government; (b) to develop ability in the analysis of economic problems; (c) to furnish a basis for intelligent citizenship in dealing with the complex socioeconomic problems; (d) to equip the student with fundamental and some technical preparation for business; (e) to stimulate sound thinking, reliable judgment, and timely action which are so vital to business leadership; (f) to encourage an aptitude for business-like habits of thought and study which will make for continuing growth and progress; and (g) to provide preparation for teaching economics and for post-graduate or professional study.

REQUIREMENT FOR MAJOR:

Twenty-four semester hours of which eighteen hours must be upper division courses. The major must include Economics 45, 47, 51, 83, and at least one semester of Economics 91-92. Students planning to do a considerable amount of work in the department should take the freshman survey course, Introduction to the Social Studies, and should not elect Economics 43-44 as a sophomore course, unless the quality of the work done in the survey course was unsatisfactory. Students who wish to specialize in certain fields, e.g., accounting, merchandising, management, or to combine secretarial training with business courses, should work out a program in consultation with the head of the department, so that an appropriate sequence of courses may be assured.

REQUIREMENT FOR MINOR:

Eighteen semester hours in an approved sequence are required for a minor in the department. Nine hours must be in upper division courses. Those who plan to complete a minor in the department are advised to elect the freshman survey course, Introduction to the Social Sciences, if at all possible; otherwise, to begin their work in the department with Economics 43-44.

11-12. INTRODUCTION TO THE SOCIAL STUDIES. (3 hrs.)

See Social Science 11-12.

33. DEVELOPMENT OF AMERICAN INDUSTRIES. (3 hrs.)

Study of history, growth, location, and importance of American industries. Special attention is given to raw materials, manufacturing methods, products made, value, methods of marketing, labor conditions, and legislation affecting industries. Open to freshmen.

Mr. Jones

34. ECONOMIC GEOGRAPHY. (3 hrs.)

See Geography 34.

43-44. PRINCIPLES OF ECONOMICS. (3 hrs.)

Study of the nature, scope and organization of economic activities in our modern society, fundamental principles and policies involved and their application to contemporary problems. A continuous course. Not open to freshmen.

Mr. Shaffer

45. ELEMENTARY ACCOUNTING. (3 hrs.)

Elementary principles of accounting and their application to the sole proprietorship, the partnership and the corporation. Methods of collecting, recording and reporting accounting information. Class and laboratory work. Not open to freshmen.

Mr. Jones

46. INTERMEDIATE ACCOUNTING. (3 hrs.)

Further application of the principles covered in Elementary Accounting; summary records, controlling accounts, partnership problems, corporation problems. Class and laboratory work. Prerequisite, Economics 45.

Mr. Jones

47. STATISTICS. (3 hrs.)

Intended to provide an understanding of elementary statistical methods in handling economic and business data; the logic and validity of statistical methods as applied to both theoretical and practical problems of the social sciences, including the technique of tabulation and graphic presentation; index numbers; interpretation and use of statistical presentation.

Mr. Jones

51. MONEY AND BANKING. (3 hrs.)

Historical development of our present monetary system and banking institutions; functions of money, and the various types of monetary standards; the nature of bank credit, as revealed in the operations of a typical commercial bank; the Federal Reserve System; changing price levels and the business cycle. Attention is given to the problem of price-level inflation in time of war.

Mr. Shaffer

53. LABOR PROBLEMS. (3 hrs.)

A study of the position of the wage earner in modern industrial society, the background of industrial relations, and such major problems as wages and income, hours of work, unionism and collective bargaining, strikes, scientific management, employer activities, insecurity and labor legislation. Prerequisite, Economics 43-44.

Mr. Shaffer and Mr. Kirkpatrick

54. INSURANCE. (3 hrs.)

Functions of the more important types of insurance through an analysis of their principles and practices. Life insurance and the various forms of property insurance.

Mr. Shaffer or Mr. Jones

55. PUBLIC FINANCE. (3 hrs.)

Theories and principles of taxation; practical financial problems of federal, state, and local governments; public expenditures; kinds of taxes and other public revenues; public debt, methods and effects of borrowing; fiscal organization and administration; budgets. Prerequisite, Economics 43-44. Not offered in 1943-44.

Mr. Shaffer

56. PUBLIC UTILITIES. (3 hrs.)

A study of the economic conditions and problems in the light, power, and transportation industries; development, valuation and rate making; government aid, regulation, and operation in the United States and foreign countries. Prerequisite, Economics 43-44. Not offered in 1943-44.

Mr. Shaffer

58. MANAGEMENT. (3 hrs.)

Study of origin, nature, and influence of management in the development of modern business enterprise. Intended to provide a working knowledge of research, standards, controls, inspection, and specialization in management. Prerequisite, Economics 43-44.

Mr. Jones

61. BUSINESS ADMINISTRATION. (3 hrs.)

The organization and management of business enterprise. This course serves particularly the students who wish a general survey of the structure, functions and techniques of business activities. Prerequisite or corequisite, Economics 43-44.

Mr. Jones

62. MARKETING. (3 hrs.)

Study of the marketing institutions, methods, trends and social and economic factors which influence these institutions; the channels of trade, the methods and costs of marketing, the nature and effects of competition in marketing; market policies, promotion and operations. Prerequisite, Economics 43-44.

Mr. Jones

63. ADVANCED ACCOUNTING. (3 hrs.)

Theory and practical application involving problems of valuation of assets and liabilities, reserves, depreciation, capital accounts and profits, dividends, corporate consolidation, estates and trusts. Prerequisite, Economics 46.

Mr. Jones

64. COST ACCOUNTING. (3 hrs.)

General methods of collecting costs of material, labor, and burden and incorporating them in the books of account; operation reports and cost statistics; interpretation of cost data for commercial and industrial organization; elimination of waste through proper costing. Prerequisite, Economics 46.

Mr. Jones

65. BUSINESS LAW. (3 hrs.)

Study of a person's rights and obligations which relate to the usual business transactions. Stress is laid upon the elements of contracts, sales, agency relationships, and negotiable instruments, though some time is devoted to other phases of law such as property, corporations, bankruptcy and courts and court procedure.

Mr. Jones

66. SALES AND SALES MANAGEMENT. (3 hrs.)

A study of the principles and practices of oral and printed salesmanship and types of sales organizations and activities. The second half of the course deals with the recruiting, selection, training, routing, and supervision of salesmen. Special attention is given to sales quotas, budgets, policies, and costs. Prerequisite, Economics 62.

Mr. Jones

68. CORPORATION FINANCE AND INVESTMENTS. (3 hrs.)

Financial management of corporate enterprise; aspects of promotion, current administration, expansion, failure and reorganization. The latter half of the course is given to consideration of the theory of investment analysis, the operation of the stock markets, and the Federal Security Commission. Prerequisites, Economics 43-44 and 45. Not offered in 1943-44.

Mr. Shaffer

70. PURCHASING. (3 hrs.)

A study of the functions, duties, organization, and position of the purchasing department in various types of business. Attention is given to the larger administrative problems connected with the organization and operation of purchasing departments. Includes a study of commodities and prices. Prerequisite, Economics 43-44.

Mr. Jones

71. CREDITS AND COLLECTIONS. (2 hrs.)

Includes the advantages and disadvantages of credit sales. Credit and collection policies and practices of the manufacturer, wholesaler, and retailer are discussed and evaluated. Attention is given to the sales aspect of the credit department as well as to the different forms of consumer credit. Prerequisite, Economics 43-44.

Mr. Jones

73. INTERNATIONAL ECONOMIC POLICIES. (3 hrs.)

A survey course of the international commercial policies of nations. A study is made of the theory of international trade; the protection and free trade controversy; the reciprocal tariff bargaining policy of the United States; the export of capital; the control of raw materials; international cartels; and the merchant marine. Prerequisites, Economics 43-44 and 51. Not offered in 1943-44.

Mr. Shaffer

83. ADVANCED ECONOMIC THEORY. (3 hrs.)

A study of economic theory, with especial emphasis on the interrelationships of money, prices, and business activity. Critical examination of the assumptions underlying a system of free enterprise. The distribution of income in relation to economic

progress, full employment, and security. Enrollment limited to juniors and seniors. Prerequisite, Economics 51.

Mr. Shaffer

84. ECONOMICS OF WAR. (3 hrs.)

Problems of war and post-war economic organization. National planning and control of production and civilian consumption, in terms of such techniques as priorities, direct allocation of materials and manpower, consumer rationing, price fixing, etc. The cost of the war and the incidence of its burden on various groups in the economy. The development of a war labor policy. Economic collaboration among the United Nations to win the war and the peace to follow. Prerequisites, Economics 43-44 and 51, or the permission of the instructor.

Mr. Shaffer

91-92. SEMINAR IN ECONOMICS. (2 hrs.)

Emphasis on independent study. Members may study problems in theoretical or applied economics in which they are particularly interested and in accordance with individual needs and preparation. Limited to seniors majoring or minoring in economics. Group meetings and individual conferences. Prerequisite, at least fifteen semester hours in the department.

Mr. Shaffer

HISTORY AND POLITICAL SCIENCE

W. K. WOOLERY, HEAD OF THE DEPARTMENT

CHANDLER SHAW, ASSISTANT PROFESSOR

AIMS:

The aims of the courses are (a) to acquaint the student with the record of mankind and the forces which have created that record; (b) to develop a critical faculty for interpreting the past; (c) to encourage an attitude of thought and concern on the present problems of public welfare; (d) to offer training for those who wish to teach history. The courses in political science are intended to introduce the student to the theory and problems of government, and to provide training for professional careers in public service and in teaching the social studies.

The content of the courses and the spirit of instruction in the History Department are based on the need for an understanding of the problems which war brings to the United States, and to the other nations as well, both for the background and for the necessities of the peace after the war.

REQUIREMENT FOR MAJOR:

Students majoring in history should elect not less than twelve semester hours in European history, twelve semester hours in American history, and six hours in political science. Not less than eighteen hours must be taken in the upper division, and it is recommended that twelve hours be taken in each of the last two years.

REQUIREMENT FOR MINOR:

The minimum requirement for a minor in History is eighteen hours in the department with not less than six hours of upper division work. Six hours of the minor may be in political science.

A minimum of eighteen hours is required for a minor in political science. History 41-42 may be made a part of the eighteen hours. All courses in political science apply on the history major but do not alter the minimum requirement for that major.

EUROPEAN HISTORY**11-12. INTRODUCTION TO SOCIAL SCIENCES. (3 hrs.)**

See Social Science 11-12.

13-14. MODERN EUROPEAN HISTORY. (3 hrs.)

A study of the development of the nations of Europe from early modern times to the present. Political systems and struggles and the relationships between nations will be emphasized.

Mr. Shaw

21. PHYSICAL AND SOCIAL GEOGRAPHY OF THE THEATRES OF WAR. (3 hrs.)

A description of the physical features and strategic position of certain areas in Europe, Africa, the Near East, and the Pacific; the location of the chief cities, industries, economic resources, the lines of transportation; a brief historical background, and something of the manners, customs, and national psychology of the peoples concerned.

Mr. Shaw

22. MODERN PLANS FOR WORLD RECONSTRUCTION. (3 hrs.)

Beginning with the theory of the divine right of kings, the course will deal with the political and social philosophy of the Enlightenment, the liberalism and revolutionary movements of the eighteenth and nineteenth centuries, the development of the ideas of socialism, communism, and fascism, the ideologies and politico-social systems of Russia, Italy, and Germany, proposals for post-war peace, and plans and ideals for world reconstruction and regeneration.

Mr. Shaw

45-46. THE HISTORICAL BACKGROUND OF MODERN CIVILIZATION. (3 hrs.)

A survey of the institutions and cultural achievements from the Hellenistic Age to the twentieth century. Deals largely with political and economic systems, literature, philosophy, religion, art, architecture, and daily life.

Mr. Shaw

51. EUROPE FROM 1789 TO 1870. (3 hrs.)

The history of Europe from the beginning of the French Revolution to the formation of the third French Republic and of a united Italy and Germany. Includes the development of industry, science, and modern thought.

Mr. Shaw

52. EUROPE SINCE 1870. (3 hrs.)

A survey of recent political and social developments in Europe. The course attempts to give an understanding of the conflicts and problems of the present day through the diplomacy, wars, peace treaties, and institutions of the last seventy years.

Mr. Shaw

65. ANCIENT CIVILIZATION. (3 hrs.)

After a brief summary of the progress of prehistoric man and the transition to civilization, the course will deal largely with the development of Egypt, Mesopotamia, the Aegean, Greece, and Italy. Not offered in 1943-44.

Mr. Shaw

66. MEDIEVAL CIVILIZATION. (3 hrs.)

Not offered in 1943-44.

Mr. Shaw

69. INTERNATIONAL RELATIONS SINCE 1931. (3 hrs.)

A review of the outstanding international events since the Japanese invasion of Manchuria and the coming into power of National Socialism in Germany. Deals largely with the background and the causes of the second World War and with European diplomacy since the outbreak of the war.

Mr. Shaw

70. THE HISTORY OF ENGLAND. (3 hrs.)

A history of English institutions and the English people from the ninth century to the present. The course attempts to correlate the development of English civilization with that of the continent.

Mr. Shaw

91. SEMINAR IN EUROPEAN HISTORY. (1 hr.)

For advanced students majoring in history. Reports will be assigned on special topics dealing with recent events. A reading knowledge of French or German is desired.

Mr. Shaw

AMERICAN HISTORY**41-42. AMERICAN HISTORY. (3 hrs.)**

Political and social history of the American people from colonial settlements to the present time.

Mr. Woolery

61. THE REVOLUTIONARY ERA. (3 hrs.)

Constitutional history of the American nation from 1775 to 1825. Attention to personalities as well as to political constructions, in the formative period of the United States. Not offered in 1943-44.

Mr. Woolery

62. THE MIDDLE PERIOD. (3 hrs.)

Social and economic history of the United States from 1830 to about 1850. A study of the developing sections. Not offered in 1943-44.

Mr. Woolery

63. HISPANIC AMERICA AND THE UNITED STATES. (3 hrs.)

The peoples of Central and South America, their culture and political growth and relations with the United States. Emphasis on geographic factors and on resources as well as on nationalism.

Mr. Woolery

64. THE DIPLOMATIC HISTORY OF THE UNITED STATES. (3 hrs.)

The international relations of the United States, with emphasis on the present period.

Mr. Woolery

85. MATERIALS AND METHODS OF TEACHING HISTORY. (2 hrs.)

The aims, methods and materials of teaching history in secondary schools. Open only to upper division students who expect to teach the social studies.

Mr. Woolery

92. SEMINAR IN AMERICAN HISTORY. (2 hrs.)

A unifying course for advanced students majoring in history. The principal topic for 1943-44 will be the survey of problems and proposals of international organization for peace following the war, viewed from the American standpoint. Readings will prepare for the comprehensive examination.

Mr. Woolery

POLITICAL SCIENCE

11-12. INTRODUCTION TO SOCIAL SCIENCE. (3 hrs.)

See Social Science 11-12.

57. POLITICAL PARTIES. (3 hrs.)

The nature and effect of political ideas, the workings of parties, and the questions of political organizations and functions.

Concepts and methods in the application of rules of public policy to problems of national, state, and municipal administration. Not offered in 1943-44.

Mr. Woolery

Mr. Woolery

58. PUBLIC ADMINISTRATION. (3 hrs.)

72. WORLD POLITICS SINCE 1918. (3 hrs.)

Selected political and diplomatic problems arising after the first World War. Some phases of international law will be studied.

Mr. Woolery

79. CONSTITUTIONAL LAW. (3 hrs.)

Principles of the constitutional law of the United States as established in decisions of the federal courts. Not offered in 1943-44.

Mr. Woolery

80. HISTORY OF POLITICAL THEORY. (3 hrs.)

History and analysis of the principal political theories from Plato to the end of the nineteenth century. Not offered in 1943-44.

Mr. Woolery

LIBRARY SCIENCE

21-22. INTRODUCTION TO LIBRARIANSHIP. (3 hrs.)

A general introductory course planned to give an overview of the field of librarianship, to study library development, and to suggest the opportunities for service which the library profession offers. The second half of the course is designed to meet the needs of students who plan to do high school teaching and who need some practical instruction in library method.

Mr. Behymer

SECRETARIAL TRAINING

PAULINE ELEY, INSTRUCTOR

ELSIE GROSECLOSE, ASSOCIATE

AIMS:

The courses in the department are planned especially for students (a) who want to prepare for office work and general business training; (b) who want to prepare for teaching commercial subjects in secondary schools by meeting certificate requirements in this field; (c) who want training in typewriting and shorthand as a part of a larger educational program.

REQUIREMENT FOR MINOR:

Eighteen hours are required for a minor in this department. These must be arranged in sequence and buttressed by courses in economics and business administration.

11. ELEMENTARY TYPEWRITING. (3 hrs.)

A beginning course for those who wish to acquire a working knowledge of typewriting for personal and incidental vocational uses. 40 net words a minute a minimum requirement.

Miss Eley and Miss Groseclose

12. ADVANCED TYPEWRITING. (3 hrs.)

The purpose of this course is to develop marketable proficiency in the use of the typewriter. 50 net words a minute a minimum requirement.

Miss Eley and Miss Groseclose

15-16. BEGINNING SHORTHAND. (3 hrs.)

Careful study of Gregg shorthand principles and their application in timed dictation and transcription. Prerequisite or corequisite, Secretarial Training 11-12. A continuous course.

Miss Eley and Miss Groseclose

29-30. ADVANCED GREGG SHORTHAND. (3 hrs.)

The development of (a) an intensive shorthand vocabulary, (b) a shorthand writing speed of at least 110-120 words a minute, and (c) a transcribing rate of at least 30-35 words a minute.

Miss Eley

45. PRINCIPLES OF ACCOUNTING. (3 hrs.)

See Economics 45.

46. INTERMEDIATE ACCOUNTING. (3 hrs.)

See Economics 46.

47. BUSINESS MATHEMATICS. (3 hrs.)

Mathematical problems which occur most frequently in ordinary business transactions.

Miss Eley

50. SECRETARIAL PRACTICE AND OFFICE MANAGEMENT. (3 hrs.)

This course is based on an activity program of simulated and actual experiences and representative types of office situations. Special attention is given to skill in dictation and transcription, to the various systems of filing, and to the operation of commonly used machines and appliances.

Miss Eley

51. BUSINESS LETTERS AND REPORTS. (3 hrs.)

Principles and practices of business letter writing with special emphasis on the sales letter. Prerequisite or parallel, Secretarial Training 11.

Miss Eley

61. BUSINESS ADMINISTRATION. (3 hrs.)

See Economics 61.

63. ADVANCED ACCOUNTING. (3 hrs.)

See Economics 63.

64. COST ACCOUNTING. (3 hrs.)

See Economics 64.

65. BUSINESS LAW. (3 hrs.)

See Economics 65.

66. CONSUMER PROBLEMS. (3 hrs.)

Practical applications of consumer information as required in everyday life. Specific principles of buying, budgeting, investments, price control, economic fluctuation and change, marketing functions, taxes, and credit.

Miss Eley

85. TEACHING OF BUSINESS SUBJECTS. (2 or 3 hrs.)

Special techniques and devices for teaching typewriting, shorthand, and related secretarial subjects.

Miss Eley

88. SUPERVISED SECRETARIAL PRACTICE. (3 hrs.)

Practical experience in some approved office situation under guidance and supervision of instructor and business representative. Course open to seniors who have demonstrated ability and with the permission of instructor.

Miss Eley

91-92. PROBLEMS IN SECRETARIAL TRAINING. (1 or 2 hrs.)

A senior seminar devoted to problems of vocational supply and demand; and techniques involved in obtaining initial employment.

Miss Eley

SOCIAL SCIENCE

11-12. INTRODUCTION TO THE SOCIAL STUDIES. (3 hrs.)

A general survey of the social sciences for freshmen, devoted to the historical development of human institutions and their current problems. Intended particularly for students who will not major in this field.

Mr. Woolery, Mr. Shaffer and Mrs. Syer

SOCIOLOGY

MARY FLINT SYER, INSTRUCTOR

AIMS:

The curriculum in sociology is designed (a) to give an understanding and appreciation of human relationships, social institutions, social processes, and occupations; (b) to familiarize students with the nature and causes of the social problems which they are most likely to find confronting them in their communities and occupations; (c) to equip the student with fundamental preparation for entering various kinds of social work; and (d) to provide preparation for teaching sociology and for post-graduate or professional study.

REQUIREMENT FOR MAJOR:

Twenty-four semester hours in the department, including Sociology 11-12, 31-32, 43, 91-92, Biology 11-12, and Economics 47. Sociology 65 and 73 are recommended for those expecting to major in the field of social work.

REQUIREMENT FOR MINOR:

Eighteen hours in an approved sequence of which twelve hours must be in upper division courses.

11-12. INTRODUCTION TO THE SOCIAL SCIENCES. (3 hrs.)

See Social Science 11-12.

31. GENERAL SOCIOLOGY. (3 hrs.)

The basic concepts and principles of sociology applied to modern society; social relations of the community; race and culture; the family; social maladjustments; social change.

Mrs. Syer

32. THE FAMILY. (3 hrs.)

The development of marriage and the family social functions; contemporary problems and tendencies of the family. Prerequisite, Sociology 11-12.

Mrs. Syer

43. HERIDITY AND EUGENICS. (2 hrs.)

See Biology 43.

52. POPULATION PROBLEMS. (3 hrs.)

History of population theories and policies; qualitative aspects of the population problem with reference to eugenics, migration, control of population. Prerequisite, Sociology 11-12.

Mrs. Syer

53. EDUCATIONAL SOCIOLOGY. (2 hrs.)

A study of the needs of society and the educational functions and techniques of social groups and institutions meeting those needs. Prerequisite, Sociology 11-12. Not offered in 1943-44.

Mrs. Syer

55. SOCIAL PSYCHOLOGY. (3 hrs.)

See Psychology 55.

56. CRIMINOLOGY. (3 hrs.)

Analysis of the social process by which individuals become criminals and delinquents; causative factors, techniques of control, and the social treatment of crime. Prerequisite, Sociology 11-12.

Mrs. Syer

61. INTRODUCTION TO SOCIAL WORK. (2 hrs.)

Theory of social work contrasted with other social philosophies; survey of the historical background and present trends in the field of social work. Prerequisites, Sociology 31-32 and upper division standing.

Mrs. Syer

62. PUBLIC WELFARE. (2 hrs.)

Administrative organization and procedures; federal, state and local programs for welfare and public assistance. Prerequisites, Sociology 31-32 and 61. Not offered in 1943-44.

Mrs. Syer

64. SOCIAL SERVICE PRACTICUM. (1 to 4 hrs.)

Student training and experience during the summer months on the staff of an approved social service agency, such as Hiram House in Cleveland. The training includes lectures, conferences, supervision of organized activities, field trips, notebooks, and examination. Only by prior arrangement with the head of the department can students be given an opportunity to earn credit in this way.

Mrs. Syer

65. COMMUNITY ORGANIZATION. (2 hrs.)

Social structure and functions of the modern city. Special economic and social organization of rural populations. Understanding of forces that promote or retard community development. Prerequisite, Sociology 31-32.

Mrs. Syer

67. CULTURAL ANTHROPOLOGY. (2 hrs.)

A study of primitive people and their institutions in prehistoric and modern times for the purpose of recognizing universal human traits and the backgrounds of modern civilization.

Mrs. Syer

71. SOCIAL PROBLEMS. (3 hrs.)

A study of the major problems in society—unemployment, poverty, dependency, delinquency, and crime. Prerequisites, Sociology 11-12 and upper division standing. Not offered in 1943-44.

Mrs. Syer

72. INTRODUCTION TO CASE WORK. (3 hrs.)

The basic principles and methods of social case work and their application in the treatment of individuals and families. Prerequisites, Sociology 31-32, upper division standing, and permission of the instructor.

Mrs. Syer

73-74. SOCIAL THEORY. (2 hrs.)

A summing-up of the various systems, classic and modern, of explaining the social behavior of individuals. The nature of social control, chief control devices, institutional pressures and disruptive factors. Prerequisite, twelve semester hours in sociology.

Mrs. Syer

91-92. PROBLEMS IN SOCIOLOGY. (1 or 2 hrs.)

An advanced course for major and minor students in the department. The course has three purposes: (1) to integrate by summary and interpretation the preceding work in the department, (2) to offer instruction in the techniques and methods of social research, and (3) to give each student an opportunity to develop his particular interest through a specific study project. Prerequisites, twelve semester hours of sociology and permission of the instructor. Economics 47 or Education 55 are recommended as prerequisites.

Mrs. Syer

GROUP IV—SCIENCE AND MATHEMATICS

BIOLOGY

B. R. WEIMER, HEAD OF THE DEPARTMENT

W. J. SUMPSTINE, ASSISTANT PROFESSOR

AIMS:

The courses are intended (a) to acquaint the student with the living world around him and the fundamental dynamic life processes; (b) to demonstrate scientific methods of approach to problem solution; (c) to cultivate an attitude of inquiry and research; (d) to develop laboratory skill in various types of work in zoology, botany, and related fields; and (e) to train students as teachers of biology and for certain professional work related to this field.

Students who plan to teach or become professional biologists should elect the following sequence of courses: Biology 11-12, 36, 43, 48, 53, 57, 65, 67, 78, 81, and 91 or 92.

Students preparing for work in medicine, dentistry, nursing or as laboratory technicians should elect the following sequence of courses: Biology 11-12, 36, 43, 53, 76, 78, 81, and 91 or 92.

REQUIREMENT FOR MAJOR:

At least twenty-four semester hours in the department following a sequence of courses approved by the head of the department. A minimum of twelve semester hours of chemistry, at least six of which are in organic chemistry, is desirable.

A minor should be elected in a laboratory science. Either German or French should be elected to meet the graduation requirement for foreign languages.

REQUIREMENT FOR MINOR:

At least eighteen semester hours in the department exclusive of Biology 34 and Biology 85.

11-12. GENERAL BIOLOGY. (3 hrs.)

Systematic study of the fundamental structures and life processes of plants and animals, including man, and their important inter-relationships together with special lectures and discussions of the most important principles of biology—environment, heredity, variation, and the theory of evolution. Required of all pre-medical students.

Mr. Weimer, Mr. Sumpstine, and assistants

NOTE: Biology 11 will be repeated the second semester.

Mr. Sumpstine and assistants

34. OUR OUTDOORS. (1 hr.)

A general survey course in the field of man's natural environment from the standpoint of geology and biology. A series of field studies on plant life, animal life with particular reference to entomology and ornithology, physical geography, rocks and minerals, and the essentials of camping. Estimated cost of the course to the student exclusive of tuition including trips, food and minor incidentals: \$5.00 to \$8.00. Not open to freshmen. Enrollment limited to fifteen.

Mr. Weimer and others

36. COMPARATIVE VERTEBRATE ANATOMY. (3 hrs.)

Study of the comparative anatomy of the representative forms of vertebrates. Laboratory study of the comparative anatomy of the shark, turtle, and cat. Prerequisite, Biology 11-12. Required of all pre-medical students.

Mr. Weimer and assistants

43. HEREDITY AND EUGENICS. (2 hrs.)

A general course covering modern theories and laws of heredity and their relation to man.

Mr. Weimer

48. PLANT ECOLOGY AND LOCAL FLORA. (2 hrs.)

The identification of the common seed plants and ferns by the use of manuals and the study of the relation between plants and their environment. In the spring the work will consist mostly of field trips with occasional laboratory exercises. Prerequisite, Biology 11 or high school biology. Not offered in 1943-44.

Mr. Sumpstine

53. BACTERIOLOGY. (3 hrs.)

Morphology and physiology of yeasts and bacteria, principles of laboratory technique, cultural characteristics, and environmental influences on bacterial growth. Special emphasis on the relation of bacteria to domestic and public health problems.

Mr. Sumpstine and assistants

54. INDUSTRIAL BACTERIOLOGY AND CLINICAL METHODS. (3 hrs.)

A practical laboratory course with occasional lectures, dealing with the bacteriology of water and milk, and the general food bacteriology. Some study of the elementary techniques in clinical methods such as flood work and urine analysis.

Mr. Sumpstine

57. ADVANCED GENERAL BOTANY. (3 hrs.)

An advanced study of the structural relationships of various type forms of the plant kingdom together with a study of the fundamental life processes of plants; growth, irritability, food synthesis, and metabolism. Prerequisite, Biology 11-12.

Mr. Sumpstine

65. INVERTEBRATE ZOOLOGY. (3 hrs.)

Survey of the invertebrate animals including phylogeny and morphology. A laboratory study of representative forms of invertebrates will be made. Prerequisite, Biology 11-12.

Mr. Sumpstine

67. PHYSIOLOGY. (3 hrs.)

Structure and functions of the human body and the mechanism of bodily movements, responses, reactions, and various physiological states. Prerequisites, Biology 11-12 and Biology 36. Required of all majors in Physical Education.

Mr. Weimer and assistants

76. HISTOLOGY. (3 hrs.)

Structure of the cell and its modifications into various tissues. Special attention will be paid to the theory and practice of general histological technique. Prerequisites, Biology 11-12, and Biology 36.

Mr. Sumpstine

78. VERTEBRATE EMBRYOLOGY. (3 hrs.)

Nature and development of the tissues and organs in vertebrates. Embryos of chick and pig are studied in the laboratory. Prerequisites, Biology 11-12, and Biology 36. Not offered in 1943-44.

Mr. Weimer

81. CONTEMPORARY BIOLOGICAL INVESTIGATIONS AND LITERATURE. (1 hr.)

A survey of the fields of biological investigations and the current literature relating to investigations in those fields. Open only to juniors and seniors. Required of all Biology majors. Prerequisite, Biology 11-12, and Biology 36.

Mr. Weimer

85. METHODS AND MATERIALS IN TEACHING BIOLOGY. (2 hrs.)

The aims and the methods of teaching biology in the secondary schools. Special attention will be given to general laboratory procedure and technique. Prerequisite, 16 hours of Biology and junior or senior rank. Not offered in 1943-44.

Mr. Sumpstine

86. MARINE BIOLOGY. (4-6 hrs.)

Credit is given for summer courses taken at the Marine Biological Station at Woods Hole, Massachusetts, or at any other station of similar rank.

91-92. PROBLEMS. (1 or 2 hrs.)

A course in theoretical and advanced morphological biology. The problem may be selected by the student, subject to the approval of the instructor, according to interest and future needs and may be in either:

- a. Advanced comparative anatomy of vertebrate or invertebrate types not previously studied; or
- b. Review of the literature relating to various fields of investigation in biology.
- c. Study of some problem in biological research.

No registration for the course will be permitted without previous conference with the instructor. Open only to juniors and seniors. Prerequisites, Biology 11-12, 36 and 65, or 36, 78, and superior achievement in these courses.

Mr. Weimer

CHEMISTRY

H. D. DAWSON, HEAD OF THE DEPARTMENT

J. W. REYNARD, INSTRUCTOR

AIMS:

It is the aim of the department (a) to contribute to a student's general culture, his understanding of the nature of the physical world and his understanding of the place of chemistry in industrial and business life; (b) to provide training in the scientific method and logical analysis; and (c) to provide major students with thorough and practical training in chemistry which may be useful in industrial, technical, or educational work.

REQUIREMENT FOR MAJOR:

The department offers two types of majors. Major A is designed for the research chemist, the chemical engineer, the student interested in any phase of chemistry as a vocation. Major B is planned to meet the needs of the education, the pre-medical, the pre-dental students, and others who wish to use chemistry as a pre-professional major. In addition to chemistry, work in biology, economics, mathematics, physics, English, and modern languages is recommended as seems best to meet the student's individual needs.

Requirement for Major A: (38 hrs.)

Chemistry 11, 12 or equivalent; 25, 26; 47, 48; 61, 62; 71, 72; 75, 76; 87, 88.

Requirement for Major B: (25 hrs.)

Chemistry 11, 12 or equivalent; 25, 26; 61, 62; 71, 75, 87.

REQUIREMENT FOR MINOR:

Eighteen hours with either sequence I or II as follows:

I Chemistry 11-12, 25-26, 61-62

II Chemistry 11-12, 61-62, 71 and 75

11-12. GENERAL CHEMISTRY. (3 hrs.)

This is a fundamental course in general chemistry. An introduction to qualitative analysis comprises a part of the work of the second semester. A continuous course.

Mr. Reynard and assistants

11A-12A. GENERAL CHEMISTRY. (6 hrs.)

A fundamental course in general chemistry and qualitative analysis given the second semester.

Mr. Reynard and assistants

25-26. QUANTITATIVE ANALYSIS. (3 hrs.)

The study of gravimetric, electrolytic, volumetric, and colorimetric analysis. Prerequisite, Chemistry 11-12.

Mr. Reynard and assistants

46. ADVANCED INORGANIC LABORATORY. (1 hr.)

A laboratory course designed to accompany Chemistry 48.

Mr. Reynard

47. ADVANCED QUALITATIVE ANALYSIS. (3 hrs.)

This is a systematic study of the theories and principles of qualitative analysis. Prerequisite, Chemistry 11-12 or equivalent.

Mr. Reynard

48. ADVANCED INORGANIC CHEMISTRY. (3 hrs.)

This is a continuation course in inorganic chemistry. Prerequisite, Chemistry 11-12 or equivalent.

Mr. Reynard

51-52. ADVANCED ANALYTICAL CHEMISTRY. (3 hrs.)

This is a continuation course in analytical chemistry. Prerequisite, Chemistry 25-26.

Mr. Reynard

61-62. ORGANIC CHEMISTRY. (3 hrs.)

This is an introductory course designed to meet the needs of the student electing chemistry as his major and the student in biological sciences. Prerequisite, Chemistry 11-12 or equivalent. A continuous course.

Mr. Dawson and assistants

63-64. QUALITATIVE ORGANIC CHEMISTRY. (2 hrs.)

The study of a systematic method of separation, purification, and identification of organic compounds. Prerequisite, Chemistry 61-62. Not offered in 1943-44.

Mr. Dawson

65-66. ADVANCED ORGANIC CHEMISTRY. (3 hrs.)

This is a continuation course in organic chemistry. Prerequisite, Chemistry 61-62. A continuous course.

Mr. Dawson

71-72. THEORY OF PHYSICAL CHEMISTRY. (5 hrs.)

This is a fundamental course in physical chemistry. Chemistry 71 is designed to meet the requirement of pre-medical students. Prerequisite or corequisite, Chem-

istry 61-62, Physics 31-32, and Mathematics 11-12. Chemistry 72 requires Mathematics 31-32 as an additional prerequisite or corequisite. This course must be accompanied by Chemistry 75-76.

Mr. Dawson

75-76. PHYSICO-CHEMICAL MEASUREMENTS. (1 or 2 hrs.)

Corequisite, Chemistry 71-72.

Mr. Dawson

81-82. INDUSTRIAL CHEMISTRY. (3 hrs.)

This is a general survey course dealing with the problems and economic questions involved in chemical manufacturing industries. Inspection trips made to industrial plants during vacation periods are required. Prerequisite, acceptable work in inorganic chemistry; prerequisite or corequisite, Chemistry 61-62. Not offered in 1943-44.

Mr. Dawson

83-84. CHEMICAL SPECTROSCOPY. (1 hr.)

See Physics 67-68.

85 or 86. TEACHING OF CHEMISTRY. (2 hrs.)

This is a special methods course which considers the essentials for effective teaching of high school chemistry and does not count for either major or minor work in the department. Not offered in 1943-44.

Mr. Reynard

87. CHEMICAL LITERATURE. (1 hr.)

Mr. Dawson

88. HISTORY OF CHEMISTRY. (1 hr.)

Mr. Dawson

91-92. PROBLEMS. (1 or 2 hrs.)

Independent study and investigation in the field of the student's interest. Open only to those of unusual ability and adequate background. Admission by permission of the head of the department.

Mr. Dawson

GEOGRAPHY AND GEOLOGY

34. ECONOMIC GEOGRAPHY. (3 hrs.)

Study of world production and distribution of food supplies, power, resources and raw materials for manufacture, with reference to the natural and economic determining factors. Special consideration is given to these relationships in the United States and the Ohio River Valley. Open to freshmen.

Mr. Sumpstine

35. PRINCIPLES OF GEOGRAPHY. (3 hrs.)

A discussion of the general principles of the science including such topics as earth origins and the results of the dynamic geographical agencies tending to change its surface. A study is made of the relation between environment and life with special reference to North America. Practical work in mineralogy, physiography, and stratigraphy is required during the course. Not offered in 1943-44.

Mr. Sumpstine

36. HISTORICAL GEOLOGY. (3 hrs.)

The history of the earth as revealed by its strata. Laboratory and field study of the common fossils and local formations. Not offered in 1943-44.

Mr. Sumpstine

MATHEMATICS AND PHYSICS

J. S. V. ALLEN, HEAD OF THE DEPARTMENT

W. H. CRAMBLET, PROFESSOR

W. H. SPRAGENS, INSTRUCTOR

AIMS:

The courses in mathematics are designed (a) to give the prospective teacher a thorough understanding and a wide appreciation of the fundamental ideas of elementary mathematics; (b) to contribute to the student majoring in science certain techniques and powers in the application of mathematics; (c) to provide the general student with a knowledge of the mathematical foundations of our civilization; (d) to give the prospective graduate student a firm foundation for later study and research.

The courses in physics are planned (a) to present a survey of the field of physics to the general student; (b) to teach the fundamentals of science of physics to students who are training themselves for such professions as medicine, optometry, engineering, and the teaching of physics; (c) to familiarize students expecting to enter graduate school with some of the more advanced materials in physics. The scientific method is stressed both in its past applications in solving important problems in physics and for its future use by the student in solving new problems.

REQUIREMENT FOR MAJOR IN MATHEMATICS:

A minimum of twenty-four hours in mathematics including Mathematics 31-32. The upper division courses should include Mathematics 53-54. Students interested in science and engineering should elect Mathematics 71-72. Students interested in mathematics as a teaching subject should elect Mathematics 55-56. Two courses in the department should be taken in the senior year.

REQUIREMENT FOR MAJOR IN PHYSICS:

A minimum of twenty-four hours in physics is required. Students interested in science and engineering should elect Physics 52. Physics 91-92 and a reading knowledge of German and French are recommended for students

expecting to do graduate work. A minor in mathematics or chemistry is strongly recommended.

REQUIREMENT FOR MINOR IN MATHEMATICS:

A minimum of eighteen hours in mathematics including Mathematics 31-32 and six hours in upper division courses.

REQUIREMENT FOR MINOR IN PHYSICS:

A minimum of eighteen hours in physics. Mathematics 11-12 and Mathematics 31-32 should be elected.

MATHEMATICS

11. MATHEMATICAL ANALYSIS. (3 hrs.)

Plane trigonometry, logarithms and the slide rule, linear equations and determinants, and the analytical geometry of the straight line. Prerequisite, satisfactory standing in mathematics placement test for freshmen.

Students ranking low in mathematics placement test for freshmen will be required to make up their deficiency in mathematics by attending a special laboratory section.

Mr. Spragens and Mr. Allen

12. MATHEMATICAL ANALYSIS. (3 hrs.)

Quadratic equations, the factor theorem, mathematical induction, binomial theorem, permutations and combinations, the analytical geometry of second degree curves, applications of analytic methods, and an introduction to the derivative. Prerequisite, Mathematics 11 or three units of high school mathematics, including trigonometry, and high standing in mathematics placement test for freshmen.

Mr. Spragens and Mr. Allen

21. ENGINEERING DRAWING. (3 hrs.)

Principles of engineering drawing, straight and curved line construction, projection, perspective, and isometric drawing.

Mr. Allen and assistants

22. ENGINEERING DRAWING. (2 hrs.)

A continuation of Mathematics 21.

Mr. Allen and assistants

24. PLANE SURVEYING. (3 hrs.)

Care and use of surveying instrument, field problems, and computation and mapping. One hour class work and four hours field work each week. Not offered in 1943-44.

Mr. Cramblet

31-32. DIFFERENTIAL AND INTEGRAL CALCULUS. (3 hrs.)

A standard course. Technique of differentiation and integration with applications and an introduction to infinite series. Prerequisite, Mathematics 11-12 or equivalent. A continuous course.

Mr. Spragens

37. MATHEMATICS OF STATISTICS. (3 hrs.)

Frequency distributions, measures of central tendency, dispersion, and correlation, regression equations, and the theory of probability. Prerequisite, Mathematics 11-12. Not offered in 1943-44.

Mr. Spragens

38. MATHEMATICS OF FINANCE AND INVESTMENT. (3 hrs.)

The operation of interest in annuities, amortization of debts and sinking funds, valuation of bonds, the experience table, and calculation of premiums for life insurance. Recommended for students majoring in economics. Prerequisite, Mathematics 11-12. Not offered in 1943-44.

Mr. Spragens

53-54. ADVANCED CALCULUS. (3 hrs.)

Theory of the derivative and the integral, partial differentiation and its applications, Green's and Stokes' theorems, power series, and Fourier series. Prerequisite, Mathematics 31-32. Not offered in 1943-44.

Mr. Spragens

55. INTRODUCTION TO HIGHER ALGEBRA. (3 hrs.)

Theory of equations, solution of cubic, quartic, and numerical equations, complex numbers, and an introduction to the fundamental concepts of algebra, class, group, field, number. Prerequisite, Mathematics 31-32.

Mr. Spragens

56. INTRODUCTION TO HIGHER GEOMETRY. (3 hrs.)

An introduction to synthetic projective geometry, with consideration of its principal sub-geometries, affine, Euclidean, and non-Euclidean. Prerequisite, Mathematics 31-32.

Mr. Spragens

58. SPHERICAL TRIGONOMETRY. (2 hrs.)

Geometry and trigonometry of the sphere, with applications to surveying and navigation. Prerequisite, Mathematics 31-32 or consent of instructor. Not offered in 1943-44.

Mr. Spragens

71-72. DIFFERENTIAL EQUATIONS. (2 hrs.)

Methods of solution of ordinary differential equations and their applications to the physical sciences. Prerequisite, Mathematics 31-32. A continuous course.

Mr. Spragens

81-82. MATHEMATICS SEMINAR. (1 hr.)

Special reports prepared and presented by the student under supervision. The work of the second semester will help prepare the student for the comprehensive examination. Required of all major students in the senior year.

Mr. Spragens and others

86. TEACHING OF MATHEMATICS. (2 hrs.)

A study of the content of courses in secondary school mathematics, methods of study and classroom presentation of these subjects. A practical course in preparation for teaching. Open only to upper division students.

Mr. Spragens

91-92. PROBLEMS. (1 or 2 hrs.)

Advanced work and independent study. Open to seniors of unusual ability who have completed eighteen hours in the department. A reading knowledge of French and German will be found desirable.

Mr. Cramblet and Mr. Spragens

PHYSICS**15. PHOTOGRAPHY. (3 hrs.)**

A beginning course in photographic theory, and practice in general photography with some special applications, such as x-ray work, spectroscopy and astronomy.

Mr. Allen

18. ASTRONOMY. (3 hrs.)

A course in descriptive astronomy with applications to navigation. Two lectures per week and observations with the 10 inch reflecting telescope.

Mr. Allen

31. GENERAL PHYSICS. (4 hrs.)

An elementary treatment of mechanics, heat and magnetism. This course, together with Physics 32, comprises the fundamental course in physics, and is prerequisite to all advanced physics courses. Prerequisite, Mathematics 11 or its equivalent.

Mr. Allen and assistants

32. GENERAL PHYSICS. (4 hrs.)

An elementary treatment of electricity, sound and light. This is a continuation of Physics 31. Prerequisites, Mathematics 11 or its equivalent, and Physics 31.

Mr. Allen and assistants

52. MECHANICS. (3 hrs.)

A fundamental course in physics, including a treatment of classical mechanics with application of principles; and a brief consideration of wave mechanics.

Mr. Allen

53. ADVANCED LIGHT AND PHYSICAL OPTICS. (3 hrs.)

Theories of light, reflection, refraction, interference, diffraction, polarization, geometrical optics, optical instruments, vision and spectroscopy. Prerequisites, Physics 31-32 and Mathematics 31-32.

Mr. Allen

55-56. LABORATORY IN ADVANCED PHYSICS. (1 hr.)

Supplementary to Physics 52, 53, and 63. The student should consult the instructor in charge before registering for the course.

Mr. Allen

63. ELECTRICITY AND MAGNETISM. (3 hrs.)

An advanced treatment of electrostatics and magnetics, electrochemistry, circuit theory, electrical machinery, and electronics. This course is a consideration of the theoretical and practical applications of electricity and magnetism. Not offered in 1943-1944.

Mr. Allen

64. HEAT. (3 hrs.)

An advanced study of temperature, quantity of heat, calorimetry, expansion, conductivity, change of state, and radiation. Some consideration will be given thermodynamics and kinetic theory. Not offered in 1943-44.

Mr. Allen

67-68. SPECTROSCOPIC ANALYSIS. (1 hr.)

A laboratory course employing an E-1 Hilger spectrograph and auxiliary equipment for analytical work. Much of the work in this course consists of original research and publication of the results. Admission by permission of the instructor.

Mr. Allen

85. TEACHING OF PHYSICS. (2 hrs.)

Methods and practice in classroom presentation and laboratory supervision. Collateral readings and reports on the history of physical science. Required of all students expecting to teach physics.

Mr. Allen

91-92. PROBLEMS. (1 or 2 hrs.)

Readings, experiments and investigations in radioactivity, spectroscopy and radio, or in the field of the student's interest. Open to juniors and seniors of superior ability and accomplishment who are majoring or minoring in the department.

Mr. Allen

GROUP V—RELIGION AND FINE ARTS

ART APPRECIATION

31-32. INTRODUCTION TO ART. (3 hrs.)

Development and character of the architecture, sculpture and painting of Egypt, Greece, Rome and Europe in relation to the civilization of which they are a permanent expression.

Miss Mahaffey

33-34. PAINTING. (3 hrs.)

Study of the Italian masters of the sixteenth century, and of the leading painters of Spain and northern Europe. In the second semester emphasis will be on Modern Painting, with especial attention to the work of American artists. Not offered in 1943-44.

Miss Mahaffey

BIBLICAL LITERATURE

OSBORNE BOOTH, HEAD OF THE DEPARTMENT

I. T. GREEN, PROFESSOR

AIMS:

The general purposes of the courses offered are (a) to acquaint the student majoring in other departments with the English Bible; (b) to give a more complete knowledge of the content of the English Bible and other religious subjects to students planning upon graduate study for the Christian ministry; and (c) to supplement this knowledge of the Bible with enough professional courses to enable the student to serve as a Christian minister or religious leader until such a time as graduate study may be possible for him.

REQUIREMENT FOR MAJOR:

Twenty-four hours which must include eighteen hours of upper-division work.

REQUIREMENT FOR MINOR:

Eighteen hours, which must include twelve hours of upper division work.

REQUIREMENT FOR GRADUATION:

Any of the following courses may be taken without prerequisite to meet the requirement in Biblical Literature; Old Testament 11 or 12 and New Testament 11 or 12, Old Testament 33-34 or 55-56, or 71-72, New Testament 31-32 or 35-36. The courses open to freshmen are Old Testament 11 or 12, Old Testament 33-34, New Testament 11 or 12, New Testament 31-32.

OLD TESTAMENT

11. OLD TESTAMENT HISTORY. (3 hrs.)

A history of the political and religious development of the Hebrew people to the time of the Maccabees.

Mr. Booth

12. OLD TESTAMENT HISTORY. (3 hrs.)

The same course as Old Testament 11, offered in the second semester.

Mr. Booth

33-34. OLD TESTAMENT SURVEY. (3 hrs.)

A survey of the Old Testament. Old Testament 33 is a prerequisite for Old Testament 34.

Mr. Booth

55-56. THE PROPHETS. (3 hrs.)

The origin and development of prophecy among the Hebrews. Special attention will be given to the relation between the background of each prophet and his message. Not offered in 1943-44.

Mr. Booth

57-58. COMPARATIVE RELIGION. (3 hrs.)

A comparison of the most important features of the great occidental religions of antiquity, including religions of primitives, Egypt, Babylonia, Assyria, Persia, Greece, Rome, and Judaism and Christianity. Not offered in 1943-44.

Mr. Booth

71-72. THE BIBLE AS LITERATURE. (3 hrs.)

A study of the various types of literature in the Bible, and a comparison with similar forms in the great secular literature of the world. Not offered in 1943-44.

Mr. Booth

91-92. OLD TESTAMENT PROBLEMS. (2 hrs.)

An investigation of various problems in Old Testament history, literature, and religion. Prerequisite, Old Testament 11 or 12, 33-34, or 55-56.

Mr. Booth

NEW TESTAMENT**11. NEW TESTAMENT HISTORY. (3 hrs.)**

A study of the life and messages of Jesus, the origin of the Christian Church, and the work of Paul.

Mr. Green

12. NEW TESTAMENT HISTORY. (3 hrs.)

The same course as New Testament 11, offered the second semester.

Mr. Green

31-32. NEW TESTAMENT SURVEY. (3 hrs.)

A survey of the New Testament. Not offered in 1943-44.

Mr. Green

35-36. INTRODUCTION TO CHRISTIANITY. (3 hrs.)

A survey of the background, origin, development, and history of the Christian

religion, and an analysis of the differences among modern denominations. Credit will not be given for both New Testament 36 and Church History 69 or 70.

Mr. Booth

65. THE TEACHINGS OF JESUS. (3 hrs.)

The teachings of Jesus in relation to the movement of the time, and to the Jewish and Greek backgrounds.

Mr. Green

66. THE TEACHING OF PAUL. (3 hrs.)

A study of the fundamental doctrines of the Epistles.

Mr. Green

67-68. THE BACKGROUND OF THE NEW TESTAMENT. (3 hrs.)

A study and evaluation of the social, religious, economic, and political life of the Jews and of the Graeco-Roman world.

Mr. Green

73-74. NEW TESTAMENT GREEK. (3 hrs.)

See Greek 73-74.

75-76. BIBLICAL DOCTRINE. (3 hrs.)

An investigation of the various doctrines of the New Testament. These doctrines will be studied in the light both of the New Testament and of Christian thinking. A continuous course. Prerequisite, New Testament 11 or 12 or 31-32. Not offered in 1943-44.

Mr. Green

91-92. NEW TESTAMENT PROBLEMS. (2 hrs.)

An investigation of various problems in the New Testament field. Students will select the problems of interest to them and will be guided in their solution.

Mr. Green

CHURCH HISTORY

51-52. HISTORY AND LITERATURE OF THE DISCIPLES. (3 hrs.)

A survey of the rise and development of the Restoration Movement, including an evaluation of the literature produced. Not offered in 1943-44.

Mr. Green

69. THE ANCIENT CHURCH. (3 hrs.)

A survey of church history from the beginning to the reign of Charlemagne. Not offered in 1943-44.

Mr. Green

70. THE REFORMATION. (3 hrs.)

A survey of church history from Charlemagne to the close of the Reformation. Not offered in 1943-44.

Mr. Green

HOMILETICS

61-62. THE THEORY OF PREACHING. (3 hrs.)

The preparation and delivery of sermons.

Mr. Green

63-64. THE WORK OF THE PASTOR. (3 hrs.)

The organization of the forces on the local field, including a study of financial methods, evangelism, worship, and social problems. Not offered in 1943-44.

Mr. Green

MUSIC

RUSH CARTER, HEAD OF THE DEPARTMENT

MACKENZIE L. SMITH, INSTRUCTOR

AIMS:

The department aims (a) to provide opportunity for students to develop an understanding and appreciation of music as a part of a general education; (b) to provide a well-balanced and complete four-year course for students who major in music for the purpose of becoming professional performers or private teachers; and (c) to provide a course for students who desire to become supervisors and teachers of music in elementary and high schools.

REQUIREMENT FOR MAJOR:

At least twenty-four hours in the department, including eighteen upper division hours. The major may be earned in (1) theory of music or (2) teaching of music in the schools.

REQUIREMENT FOR MINOR:

At least eighteen hours in the department.

LITERATURE AND THEORY OF MUSIC

11-12. EAR TRAINING AND SIGHT SINGING. (3 hrs.)

A study of tonal relationships, simple rhythms, melodies in both major and minor modes, simple melodic forms and harmonic progressions.

Mr. Smith

31-32. MUSIC APPRECIATION. (3 hrs.)

A study of the aesthetic significance of the main types and periods of music leading to an intelligent appreciation and enjoyment of the world's great music. A general course requiring no technical background.

Mr. Carter

35. HARMONY I. (3 hrs.)

A study of major and minor scales, all intervals and relation to scales, the use of tonic and dominant seventh chords in four-part harmony, with all by-tones.

Mr. Carter

36. HARMONY II. (3 hrs.)

A study of all primary and secondary harmonies used in four-part writing and a simple accompaniment, the beginning of modulation.

Mr. Carter

51-52. MUSIC HISTORY. (2 hrs.)

A study of the historical significance of the main periods and types of music. A technical course primarily for those looking toward a major or minor in music, or for those with sufficient musical background.

Mr. Carter

55. HARMONY III. (3 hrs.)

A study of chromatic harmony and advanced modulation.

Mr. Carter

56. FORM AND ANALYSIS. (3 hrs.)

A study of the structural designs upon which music is based, including the classic, romantic and modern periods.

Mr. Carter

62. ADVANCED SIGHT SINGING AND EAR TRAINING. (2 hrs.)

An advanced study of tonal relationships, including chromatics, syncopated and difficult rhythms; recognition of harmonic progressions, including simple modulations.

Mr. Smith

65. COUNTERPOINT. (3 hrs.)

A study of the principles of contrapuntal harmonization in two, three, and four parts, and the practical application of counterpoint in the form of invention. Not offered in 1943-44.

Mr. Smith

66. ORCHESTRATION. (3 hrs.)

A study of the beginning principles of instrumentation and orchestration including a thorough understanding of transposing instruments, and the problems of writing for such groups of instruments as are most commonly found in the average school or community orchestra. Not offered in 1943-44.

Mr. Smith

75-76. CONDUCTING. (2 hrs.)

A study of the technique of the baton, and the different problems to be met in conducting chorus, orchestra and band; the introduction to score reading; and an opportunity for practical experience through the conducting of the college choral and instrumental groups. Open only to advanced students of music. Not offered in 1943-44.

Mr. Carter

83. MATERIALS AND METHODS OF INSTRUMENTAL MUSIC. (2 hrs.)

A study of principles and problems of organizing and directing orchestras and bands, and gaining of a knowledge of materials available.

Mr. Smith

85. PUBLIC SCHOOL MUSIC. (3 hrs.)

A study of the principles, problems, and materials for teaching music in the grades. Not offered in 1943-44.

Mr. Carter

86. PUBLIC SCHOOL MUSIC. (3 hrs.)

A study of the principles, problems, and materials for teaching music in junior and senior high schools. Not offered in 1943-44.

Mr. Carter

91-92. PROBLEMS. (1 hr.)

An advanced course for major and minor students of music, which may include methods of piano instruction, composition, or other problems to prepare the individual for his particular field of interest.

Mr. Carter and Mr. Smith

APPLIED MUSIC

15c-16c. CHOIR. (1 hr.)

A study of choral literature and rendition of cantatas, oratorios, and selected short numbers of recognized merit. Open for credit only to students above the freshman year who are properly qualified and accepted by the director. This course may be repeated for full credit. Prerequisite, six hours of theoretical music.

Mr. Carter

150-160. ORCHESTRA. (1 hr.)

Orchestral instruments in their various combinations, study and rendition of concert repertoire. Open for credit only to students above the freshman year who are qualified and accepted by the director. This course may be repeated for full credit. Prerequisite, six hours in theoretical music.

Mr. Smith

15b-16b. BAND. (1 hr.)

Study and performance of standard band repertoire. Open for credit only to students above the freshman year who are properly qualified and accepted by the director. This course may be repeated for full credit. Prerequisite, six hours in theoretical music.

Mr. Smith

21p-22p. PIANO. (1 hr.)

Technique, theory, and literature of the piano. Open to students who have some performing ability on the piano. Private lessons.

Mr. Smith

21O-22O. ORGAN. (1 hr.)

Technique, theory, and literature of the organ. Open to students who have had some training in either piano or organ. Private lessons.

Mr. Carter

21V-22V. VOICE. (1 hr.)

Vocal technique, theory, and literature. Open to all students of adequate native ability, with or without previous vocal training. Private lessons.

Mr. Carter

VIOLIN

Students wishing to study violin may make arrangements with the Head of the Department for securing credit for private lessons with a special instructor on the basis of one hour of credit for 16 one-half hour private lessons, when accompanied by at least two semesters of music theory. Prerequisite, ability and training satisfactory to the instructor.

23-24. WIND INSTRUMENT CLASS. (1 hr.)

A practical course in playing of woodwind, brass and percussion instruments. Elementary technique and use in ensemble playing. The class meets two hours each week.

Mr. Smith

25-26. STRING INSTRUMENT CLASS. (1 hr.)

A practical course in the playing of violin, viola, cello, or bass. Elementary technique and use in ensemble playing. The class meets two hours each week.

Mr. Smith

NOTE: Only twelve semester hours of academic work in Applied Music can be applied toward meeting the minimum requirements for the baccalaureate degree.

EQUIPMENT AND RESOURCES

LOCATION

Bethany College is situated in the northern panhandle of West Virginia, seven miles southeast of Wellsburg on State Route 67, fifteen miles north of Wheeling on State Route 88, and forty-five miles southwest of Pittsburgh. A map indicating automobile routes to Bethany is printed on the inside back cover of this bulletin. A bus line operates on regular schedule between the village of Bethany and the city of Wellsburg. In Wellsburg connections are made with local bus lines for Steubenville, Ohio; Wheeling, West Virginia; and Washington, Pennsylvania. Good railroad connections are possible by way of the Pennsylvania Railroad to Steubenville, Ohio, and Wellsburg, West Virginia, or by way of the Baltimore and Ohio Railroad to Wheeling. Bethany is eight miles from the Wheeling Ohio County Airport now under construction.

The village of Bethany is situated in rugged hilly country at an elevation of approximately 1,000 feet above sea level. It is accessible to and, at the same time, away from industrial centers and thus it provides a healthy and attractive environment for students.

BUILDINGS AND GROUNDS

THE COLLEGE CAMPUS—The college campus, consisting of about fifty acres, is located on a hilltop overlooking the beautiful Buffalo Creek. On these fifty acres are a variety of fine trees and numerous shrubs attractively placed in a well-kept lawn. The parklike campus with its background of wooded hills provides a picturesque setting for the college and its community.

THE MAIN COLLEGE BUILDING—The Main Building stands in the center of the attractive campus. It is an imposing structure of Gothic architecture and is well adapted to the purpose for which it is used. It contains about forty rooms, most of which are used as classrooms. Along the west side and running the entire length of the building is the Corridor, an open promenade three hundred feet in length.

COMMENCEMENT HALL—This building was reconstructed and dedicated in 1924. The original Commencement Hall was built in 1872, and the Gothic lines of the original building have been kept. The auditorium seats approximately six hundred people and

contains an equipped stage, pipe organ, and facilities for motion pictures. Studios for music and speech, together with several practice rooms for music and a shop room for theater arts, are located on the lower floor of this building.

E. W. OGLEBAY HALL OF AGRICULTURE—This hall was donated to the college by the late Earl W. Oglebay, of the Class of 1869. This building is used mainly for the teaching of the sciences. It contains chemical and biological lecture rooms, laboratories and supply rooms.

CARNEGIE LIBRARY—This building was made possible by gifts of Andrew Carnegie in 1906. The building is constructed of brown pressed brick with Berea sandstone trimmings. On the first floor are located the reference collection, newspapers, the religious collection and the library offices. On the second floor are the main library desk and catalogue, the book stacks, and reading room. On the third floor are the current periodicals and the bound volumes of periodicals, the Alexander Campbell Memorial Room, and an exhibit room.

THE IRVIN GYMNASIUM—This gymnasium was donated by the Irvin family of Big Run, Pennsylvania, in 1919. It is equipped with swimming pool 20 by 60 feet, shower baths, team rooms, trophy room, and running track, in addition to the gymnasium floor.

RINE RECREATION FIELD—As a memorial to the late Edwin M. Rine, friend and benefactor of the college, the Board of Trustees designated certain areas of land directly west of the campus to be known as the Rine Fields. These fields are now in the process of development. Facilities are now available for football, baseball, track, cross country, soccer, rifle range, obstacle course.

NATURE TRAIL—Margaretta Parkinson bequeathed the Parkinson Farm to the College in 1914. Under the terms of this bequest two tracts of virgin timber on this property, known as the Parkinson Oaks and the Parkinson Woods, are to be preserved intact as a memorial to Thomas Parkinson and Margaret Parkinson, her grandparents and former owners of the farm.

Through this tract of magnificent oaks, elms, birches, and beeches there were constructed several miles of nature trails together with picnic spots for the use of students and friends of the college. The trail follows the banks of a ravine. New species of trees, shrubs and wild flowers are being planted along the trail and in the woods which have been set aside as a bird and game sanctuary. These fa-

cilities are useful in the nature recreation program of the college.

PERCY B. COCHRAN HALL—Hon. M. M. Cochran, of the Class of 1875 donated this splendid dormitory for men in 1910 as a memorial to his son, Percy B. Cochran, of the Class of 1900. The building is four stories high and is built of white brick. A men's lounge together with browsing library and kitchenette occupies the first floor. The rooms are furnished with desks, study chairs, chiffoniers, and beds.

PHILLIPS HALL—This dormitory for women was originally donated to the college by Hon. Thomas W. Phillips, Sr., of New Castle, Pennsylvania. In 1930 a splendid new dormitory was completed to replace and include the original building. There are student rooms for over a hundred women. In addition to the dormitory space the building provides a central dining room for all college women and facilities for other important services of the college.

Each student room is equipped with a study desk, the necessary chairs and beds, and built-in cabinets which provide each resident with a chest of drawers and a wardrobe with extension hangers.

The social needs of the young women and the entire college are served by the large lobby, small loggias, and the spacious drawing room on the main floor.

THE BETHANY HOUSE—This new dining hall for men provides dining facilities for the men of the college and an informal social center for the entire student body. This center is referred to by the students as the Bee Hive and provides refreshment and recreation for students and their friends. The building is the first unit of part of a proposed student union building.

HELWIG HOUSE—This is a well-appointed dormitory for twenty-five college women, named in memory of Miss Anna L. Helwig of Wheeling. It is operated under conditions similar to those governing residents in Phillips Hall.

GATEWAY HALL—This is a well-appointed dormitory for forty-five college women. It is operated under conditions similar to those governing residents in Phillips Hall with a faculty resident in charge.

RESIDENCE HOMES FOR WOMEN—The college operates three residence buildings on Main Street for college women. These are occupied by chapters of national sororities.

PENDLETON HEIGHTS—A short distance to the north of the Main

Building on the campus is the home of the President of the college, known as Pendleton Heights. The building was erected in 1841 by W. K. Pendleton, a member of the first faculty of the college and the second president of the institution. It was purchased by the college in 1940. The building was completely remodeled in 1935. It is attractively furnished and admirably situated for its intended purpose.

POINT BREEZE—The manor house, Point Breeze, is operated by the college for the accommodation of students. The Point Breeze estate, which is east of and adjacent to the college campus, was purchased in 1937.

THE COCHRAN CENTRAL HEATING PLANT—The college came into the possession of this building and its equipment through the generosity of Hon. M. M. Cochran of the Class of 1875. The college buildings and the Bethany Memorial Church are heated from this source.

THE COLLEGE FARMS AND FARM BUILDINGS—Through the generosity of the late E. W. Oglebay of the Class of 1869, Bethany College owns the Alexander Campbell farm of 205 acres. At Mr. Oglebay's expense, many improvements were made on this farm, including a large round dairy barn 86 feet in diameter and a creamery building. By deed bearing date of April 7, 1914, Miss Margaretta E. Parkinson has given to the college the farm of 251 acres adjoining the college. The Point Breeze Farm was purchased in 1937 and other holdings of the college bring the total land of Bethany College to over 1,000 acres.

LIBRARIES

LIBRARY AND READING ROOM EQUIPMENT—The Bethany College Library contains more than 37,000 volumes of carefully selected books and periodicals designed primarily to meet the needs of the students of an undergraduate liberal arts college. Approximately 2,500 books are added annually to the collection. The books are classified by the Dewey Decimal Classification and are cataloged by Library of Congress rules using Library of Congress printed cards when available.

The Library is housed in a separate building which was a gift of the late Andrew Carnegie. On the first floor of the building are the offices of the librarian and the assistant librarian, and the Reference, Bibliography, and Religious collections. The main collection

of books, the reserve collection, and the card catalogue are on the second floor. The third floor contains the periodicals, current and bound, the Bethany Collection, and an exhibit room. The building has a seating capacity of 154.

GENERAL REGULATIONS—The library is open at regular hours during the week. The building is closed during convocation and on all scheduled college holidays. Books from the stacks, which are open to all students, may be charged out for two week periods and may be renewed. Reserve books may be charged out for two hour periods during the day and for over-night use. These books are due back when the library reopens. Books in the reference collection and periodicals, bound and unbound, are not available for general circulation but are to be used in the building.

SPECIAL COLLECTIONS—Several valuable collections have been received by the college and have been made a part of the college library. The principal parts of the libraries of Alexander Campbell, Robert Richardson, Miss A. C. Pendleton, Archibald McLean, W. S. Priest, Levi Marshall, Miss Mary I. Nichols, R. H. Wynne, Cloyd Goodnight, and M. M. Cochran are among these. This year the library of Mrs. Anna Ruth Bourne was received and is now being integrated into the collection. A valuable library of early literature of the Disciples of Christ has come from Samuel Lindsay, Buffalo, New York; from Rev. W. S. Good, Youngstown, Ohio; from Miss Ellen Thomas, Augusta, Georgia; Ben S. Ferral and others.

CHRISTOPHER GRAHAM LIBRARY—A small library for leisure time reading is maintained in the Men's Lounge at Cochran Hall. This library is dedicated to the memory of a "truly fine college boy" who was a student leader and resident in Cochran Hall in 1932-33.

DAGNEY ANDERSEN LIBRARY—In one of the loggias in Phillips Hall a small library for leisure time reading is maintained for the use of college women. It is dedicated to the memory of Dagny Andersen, of the Class of 1935, who was one of Bethany's most representative college women.

CHEMISTRY STUDY LIBRARY—The departmental library for chemistry is located on the third floor of Oglebay Hall. Here are complete files of many of the leading chemical journals and other general reference materials for the use of the Chemistry Department.

INSTRUCTIONAL EQUIPMENT

BIOLOGY LABORATORIES—The biology laboratories and conference rooms are located on the first floor of Oglebay Hall. These laboratories are adequately equipped to take care of courses in general biology, plant morphology, and physiology, bacteriology, comparative anatomy, embryology, and histology. Special research facilities are available for students in the upper division. Work shops for ornithology and taxidermy, modeling and other departmental activities are situated in the basement of Oglebay Hall.

CHEMICAL LABORATORIES—These laboratories occupy the second and third floors of Oglebay Hall. They consist of a general laboratory, an analytical laboratory, and a well equipped laboratory for organic and physical chemistry. There are also two smaller chemical storerooms, research laboratories, a spectroscopic laboratory, balance rooms, and a small machine shop. General apparatus is adequate for individual instruction in all courses offered.

PHYSICS LABORATORY—The rooms used by the Department of Physics are on the first floor of the Main Building. Modern equipment sufficient for elementary and advanced physics courses is in the possession of the college. Special apparatus is available for work in the fields of magnetism, photo-elasticity, radio transmission and reception, cosmic rays and astronomy. An E-1 spectrograph, loaned to the college by the Follansbee Brothers Steel Company, is available for research work in steel analysis and other fields of spectroscopy.

OBSERVATORY—A small observatory building situated on the southwest corner of the campus houses a modern ten inch reflecting telescope electrically operated. This equipment was made possible through gifts from the estate of J. B. Finley of Pittsburgh, Pa.

PSYCHOLOGICAL LABORATORY—The laboratory for experimental psychology is located on the second floor of the Main Building in connection with the psychology lecture room. The laboratory is equipped for individual work in elementary experimental psychology, mental measurements, and some phases of applied psychology.

MUSIC EQUIPMENT—The studios and practice rooms of the Department of Music are located on the first floor of Commencement Hall. They are well equipped with pianos for the use of students taking work in music. A two-manual Teller-Kent pipe organ in Commencement Hall and the pipe organ at the Bethany Memorial

Church are available for students. The vocal work in music is facilitated by the use of a voice recording machine.

SECRETARIAL TRAINING—Laboratory work rooms are maintained for students who are taking secretarial training and commercial education. The equipment includes typewriters and various office appliances.

MUSEUM

The museum is located on the third floor of the Carnegie Library. It includes a fine collection of rocks, minerals and typical fossils representative of the various periods of the earth's history, and interesting zoological and anthropological displays. Among the interesting exhibits are:

- The Herbert Smith African Display
- The Edward Johnson African Display
- The J. H. Metze Collection of Indian Relics
- The I. T. Green Indian Collection
- The Maude Madden Exhibit from Japan
- The Louise Helwig Exhibition of Antiques and Coins
- The Emma M. Lyon Exhibit from China.

New materials are added to the museum by friends of the college nearly every year.

ENDOWMENTS

The book value of the endowments of the college as of June 30, 1942, was \$2,287,814.01.

THE M. M. COCHRAN GENERAL ENDOWMENT—On January 25, 1921, Hon. M. M. Cochran of the Class of 1875, gave Bethany certain valuable assets, the proceeds of which are known as the M. M. Cochran General Endowment Fund. Further securities were added to this endowment in 1929 to strengthen and secure the original donation. The value of this gift to the college is placed at \$500,000.

THE M. M. COCHRAN ENDOWMENT OF 1923—On February 19, 1923, Mr. Cochran gave \$300,000 to the college to be known as the M. M. Cochran Endowment of 1923. This was part of the campaign to secure endowment for the college in cooperation with the General Education Board and resulted in increasing the endowments of the college by \$600,000.

THE M. M. COCHRAN ENDOWMENT OF OFFICE AND CHAIR OF

PRESIDENT—In collaboration with the Men and Millions Movement of the Disciples of Christ, M. M. Cochran began an endowment of the President's Chair at Bethany College. Subsequent donations increased the endowment for this chair to \$100,000.

THE M. M. COCHRAN TRUST FUNDS—On the death of M. M. COCHRAN three special funds were set up subject to certain remainder interests, the balance of the income to be used for the general purposes of the college. Certain life interests being satisfied, these trust funds are to become a part of the M. M. Cochran general endowment. The value of these trusts is \$805,695.36.

THE THOMAS W. PHILLIPS BIBLE CHAIR ENDOWMENT—Hon. Thomas W. Phillips, Sr., of New Castle, Pennsylvania, has given \$30,000 to endow a chair known as the Thomas W. Phillips Bible Chair.

THE SARAH B. COCHRAN CHAIR OF PHILOSOPHY ENDOWMENT—Mrs. Sarah B. Cochran, of Dawson, Pennsylvania, has contributed \$25,000 toward the endowment of a chair to be known as the Sarah B. Cochran Chair of Philosophy.

THE HERBERT MONINGER CHAIR OF BIBLE SCHOOL PEDAGOGY ENDOWMENT—Through the interest and generosity of many Bible schools, churches, and individuals, a fund of \$25,000 has been given to the college for the endowment of the Moninger Memorial Chair of Bible School Pedagogy. Herbert Moninger was a graduate of the Class of 1898.

THE GEORGE T. OLIVER CHAIR OF HISTORY ENDOWMENT—The late Senator George T. Oliver of the Class of 1868 gave \$50,000 to the permanent endowment fund to be used for the endowment of the George T. Oliver Chair of History.

THE R. A. LONG CHAIR OF MATHEMATICS ENDOWMENT—In connection with the Men and Millions Movement of the Disciples of Christ, R. A. Long of Kansas City, Missouri, gave \$50,000 to the endowment fund of the college. This amount was to be used to endow the Chair of Mathematics.

THE THOMAS W. PHILLIPS, JR., ENDOWMENT—Hon. T. W. Phillips, Jr., of Butler, Pennsylvania, has donated \$55,000 to the general endowment of the college to be known as the T. W. Phillips, Jr., Endowment Fund.

THE E. M. RINE TRUST FUND—The late E. M. Rine, of Montclair, New Jersey, bequeathed to the college a large share of his estate. Monies from this estate are placed in the E. M. Rine Trust

Fund as they are received and are disbursed in accordance with the action of the Board of Trustees. Approximately \$219,000 of this has been used for special purposes. The present value of the property and securities remaining in the trust fund is approximately \$75,000 and is temporarily designated as endowment. An additional \$90,000 will come to the college from this source at a future date.

SPECIAL FUNDS

THE GANS FUND—The Gans Fund was established by Wickliffe Campbell Gans, graduate of Bethany College of the Class of 1870, and his brother Emmett W. Gans, in memory of their father and mother, Dr. Daniel L. Gans and Margaret Gordon Gans of East Sparta, Stark County, Ohio. This fund has a value of approximately \$50,000, the income from which is to be used to encourage advanced study and research in science by juniors, seniors, and graduates of Bethany College.

THE J. T. SMITH FUND—J. T. Smith bequeathed \$17,216 to the college, the income of which is to be used to assist young men and women who are studying for the Christian ministry.

THE MINNIE W. SCHAEFER FUND—Minnie W. Schaefer has given a sum of \$8,000 to Bethany College, which sum has been designated by the trustees to be used for assistance of students at the college preparing for definite Christian service, and subject to future action of the Board of Trustees.

THE ANNA L. HELWIG FUND—Anna L. Helwig donated to the college the sum of \$32,000 for the general purposes of the college. This sum is temporarily designated as endowment subject to future action by the Board of Trustees.

THE JOSIAH N. WILSON FUND—Josiah N. Wilson donated to the college the sum of \$2,567.03, the income of which is to be used to assist such students as may be studying for service in the Christian Ministry and may be designated by the President of the college.

MEN AND MILLIONS FUND—Certain monies totalling \$66,000 received from the Men and Millions Movement of the Disciples of Christ is designated for general purposes of the college. These funds are temporarily designated as endowment subject to future action by the Board of Trustees.

GENERAL INFORMATION

RELIGIOUS LIFE

One of the expressed aims of the college is "To provide higher education in an atmosphere sympathetic to Christian ideals and Christian faith and to conserve and develop the moral character and religious life of its students." This aim is meant to bear upon instruction, counseling, and social life as well as formal religious services.

CONVOCATION—A fifty minute convocation is held each Tuesday and Thursday at eleven o'clock. Most services are devotional. Lectures by faculty members and noted visitors, drama, music and student presentations are the most frequent elements of the convocation service. Attendance is obligatory for all students. The convocation service is non-sectarian.

THE COLLEGE CHURCH—All students regardless of denominational affiliations are welcome as "Student Members" of the Bethany Memorial Church. One of the active organizational groups of the church is the Council on Student work through which are co-ordinated the various religious activities of the student body. Opportunity of personal counseling with the minister is offered. Every Sunday there is morning worship in charge of the minister. In the late afternoon there is an informal "Vesper Service" which provides devotional expression and religious stimulus. There is also opportunity to participate in student interest groups at various times during the year. A number of positions of leadership in the church are available to students showing interest and ability.

PRE-EASTER VESPERS—Vesper services are held in the Bethany Memorial Church early each afternoon during the week preceding Easter or Palm Sunday. Arrangements are in charge of students of the college and the Council on Student Work.

INSTRUCTION—Since its inception, the Bible has been a recognized textbook in the college and each student is asked to pursue this study for at least one year. The approach is intended to be sympathetic and constructive.

LECTURES AND CONCERTS

One of the privileges of the student body of Bethany College is that of hearing outstanding lectures, musicians, and leaders of

thought. During the current year the following people have appeared or are scheduled to appear upon the campus.

LECTURES:

Miss Thelma Virgin, Wellsburg High School
Mr. Edwin Steckel, Musical Director, Oglebay Institute
United Nations War Heroes, International Student Service
Rev. Dale Fiers, Newark, Ohio
Hon. W. S. Wilkin, Chairman, Bd. of Trustees
Dr. Arthur W. Hummel, Library of Congress
Miss May Sarton, poetess
Dr. Richard Aspinall, West Virginia University
Dr. Alexander Paul, China
Mr. Thomas H. Belviso, Musical Director, National Broadcasting Company
Rev. Paul Nesper, Wheeling, W.Va.
Col. Thomas Tchou, Personal Secretary to Gssmo. Chiang Kai-shek, China
Dean F. H. Kirkpatrick, Personnel Director, R. C. A.
Hon. J. Weldon Jones, Assistant Director of the Budget, Washington, D.C.
Dr. Sao-ke Alfred Sze, first Chinese Ambassador to the United States, China
Rev. Charles Bodie, Huntington, W.Va.

MUSICAL:

Sykora Trio
Mr. Harold Haugh, tenor, Oberlin Conservatory
Miss June Kelly, soprano
Opera in Miniature
Edwin Strawbridge and Lisa Pernova, ballet
The Madrigal Singers, New York

SPECIAL DAYS

SCHOLAR'S DAY—Each year a special convocation is held for the recognition of outstanding academic achievement by individual students and student groups. The program is under the direction of the Dean of the Faculty.

HOMECOMING DAY—One of the most important dates in mid-autumn is designated as fall homecoming day. This usually occurs

on a Saturday. Athletic events in the afternoon, various social group meetings, and the fall homecoming dance constitute the program.

MOTHER'S DAY—The feature of the day is the service held at the Bethany Memorial Church and attended by students with their mothers. This is followed by special dinners in the college dining halls and fraternity houses. An informal reception at Phillips Hall is held in the afternoon.

PLAY DAY FOR HIGH SCHOOL GIRLS—On a Saturday in the late spring the Department of Physical Education for Women invites girls from many nearby high schools to a Play Day. Girls are divided into teams after their arrival, and many events are planned for their enjoyment.

VOCATIONAL CONFERENCE—A weekend program is planned for the young women of the college. At this time women leaders in various vocations are brought to the campus for conference with the women students on vocational problems and possibilities. This activity is under the direction of Miss Carrigan, assisted by the Association of Women Students.

STUDENT ACTIVITIES

STUDENT BOARD OF GOVERNORS—As a means of governing and directing student interest and student activities, the Student Board of Governors is maintained by the student body as a legislative and executive body. Matters pertaining to athletics, debating, student publications, social affairs, and general student interests are given attention. The major part of the activity fee is used by this Board for the various student organizations. The Board cooperates with the college administration in building an intelligent appreciation of social responsibility in college community life.

ATHLETICS—In order to supplement the courses in physical education which are required of all freshmen and sophomores who are found upon examination to be physically able to carry the work, Bethany College maintains intramural and intercollegiate teams in many sports. All athletics and physical recreation are under the supervision of the Board of Athletic Control, which is made up of the faculty committee on athletics, appointed by the president of the college, and five members of the student body. The student members of this committee are chosen, one from each of the four classes in the college, and one from the Women's Athletic Association, each group selecting its own representative.

Bethany has taken a position of leadership among tri-state colleges by its established athletic policy, which eliminates all professionalism from its program. Intercollegiate competition in football, basketball, tennis, cross-country, track and field continues. An intramural program has been developed in order to provide opportunity for all to participate in some form of athletic endeavor. Sports which are provided for on the intramural program are soccer, volleyball, swimming, archery, tennis, softball, handball, hockey, basketball, and touch football.

In connection with the physical conditioning program for its students, the college has constructed a six hundred yard obstacle course modeled after the course used in the Navy Pre-flight Training Program.

Students participating in intramural and intercollegiate athletics do so at their own risk. While the college assumes no responsibility for accidents or injuries of any kind, experienced coaches are provided and every precaution is taken to avoid hazards. Students are expected to have a complete physical examination each season.

ASSOCIATION OF WOMEN STUDENTS—This Association, of which every woman student is automatically a member upon her entrance into college, has as its main purpose the building of larger and wider life attitudes through giving the college woman a fuller opportunity for experience in leadership and for sharing with the college the responsibility for her conduct.

WOMEN'S ATHLETIC ASSOCIATION—The Women's Athletic Association encourages and fosters the participation of all women of the college in swimming, the dance, and many different sports and games. The Athletic Board of the W. A. A. is made up of sports leaders of the college. A point system is in effect by which girls may earn the letter "B" and a sweater. At the annual W. A. A. banquet, three loving cups are awarded, one each to the winner of the archery, tennis, and swimming meets.

STUDENT PUBLICATION—Under the management of the Student Board of Publications the students publish the Bethanian, issued at spaced intervals in magazine form to be compiled throughout the year into a final yearbook form. The student fee covers the cost of this publication and every student is entitled to a copy of each issue.

MINISTERIAL ASSOCIATION—This association is made up of the young men of the student body who are preparing for the work of

the Christian ministry. This group of students holds a prominent place in the life of the college. Fortnightly meetings are held, at which vital problems relating to the ministry and the churches are discussed.

Y.W.C.A.—Membership in the Young Women's Christian Association is open to all women students. This organization strives to serve religious, aesthetic, and social needs by conducting regular worship services, entertaining guest speakers from various fields, and sponsoring discussion groups concerning campus and personal problems. One of the projects of the organization is the maintenance of the Dagney Andersen Memorial Library in Phillips Hall.

CLUBS AND SOCIETIES—Several active clubs and societies are sponsored by various departments in the college. The work of the French Club, the Sociology Club, the Science Club, the Writers' Club, the German Club, and the International Relations Club have been most notable. Papers dealing with interesting topics are presented by students and faculty members.

The H. T. McKinney Chapter of the Future Teachers of America was chartered at the college in the fall of 1942. The chapter is an affiliate of the National Education Association of the United States. This organization meets bi-weekly for the discussion of problems in education.

FRATERNITIES—Several of the strong Greek letter fraternities have chapters at Bethany. The fraternities for men are: Beta Theta Pi, Sigma Nu, Phi Kappa Tau, Kappa Alpha, and Alpha Kappa Pi. The sororities for women are: Alpha Xi Delta, Zeta Tau Alpha, Kappa Delta, and Phi Mu. All have national affiliation.

MUSIC AND DRAMATICS

COLLEGE CHOIR—This mixed chorus of thirty-six voices sings each Sunday morning at Bethany Memorial Church, and gives special programs, in and away from Bethany, including oratoria, cantata and miscellaneous works. Membership is open to all students accepted by the director.

COLLEGE ORCHESTRA—This musical organization is made up of students who have proficiency on orchestral instruments. Admission is gained by satisfactorily passing an individual examination given by the director. Several concerts are given during the year, and music is furnished for some of the dramatic performances.

COLLEGE BAND—The college band is open to all students who

show by individual examination a sufficient mastery of their instrument for the type of music to be played. This organization plays for many public occasions throughout the year.

DRAMATICS—The program of drama enjoys prominent place in the life of the college. Two clubs constitute the nuclei of play production: The Bethespian of open membership; and a chapter of the national dramatic fraternity, Alpha Psi Omega, in which students may become members by meeting the national requirements. Departmental clubs at times present plays and the choir collaborates in joint productions with the Bethespians.

ACADEMIC INFORMATION

STUDENT SCHOLARSHIP—The average size of the classes as organized enables the instructors to give each student individual attention; in many cases classes are divided into several sections to secure this result. At stated times students whose work in any department is unsatisfactory are reported to the Admissions and Personnel Office by the instructor in charge of the work in question. A careful effort is made in each case to discover the cause of the trouble, and by giving encouragement, admonition, advice, or assistance, as appears to be needed, to put the student in the way of successfully carrying out his work.

CLASSIFICATION OF STUDENTS—The classification of students is determined at the beginning of each year according to the following plan: for sophomore rank a student must have at least twenty-five hours of academic credit and twenty-five quality points. Admission to the upper division or full junior standing is conditioned upon the student's having at least sixty hours of academic credit, sixty quality points, freshman orientation completed, and he must have passed the sophomore general examination. For senior class rank the student must have at least ninety-four hours of academic credit and ninety-four quality points, and have completed all prescribed courses for graduation.

No student is considered a candidate for the baccalaureate degree until granted senior classification.

THE GRADING SYSTEM—The class standing of a student in courses pursued is reported by the use of letters. The meaning of letters used may be given as follows:

A, Excellent—3 quality points for each hour of credit.

- B, Good—2 quality points for each hour of credit.
C, Average—1 quality point for each hour of credit.
D, Inferior—Hour credits but not quality points given.
con., Conditional Failure. The student is granted the privilege of taking an examination to remove the condition, or, in case of a continuous course, it may be automatically removed by the student making a grade of C or better the following semester. Failure to do so within the following semester will result in the grade being changed to F. Regardless of the manner of removing the condition no higher grade than D will be allowed.
inc., This abbreviation denotes uncompleted work as a result of sickness or some other justifiable reason. An incomplete mark should be removed by the end of the fourth week of the following semester, unless an extension of time is granted. It is not possible for a student to remove an incomplete mark after twelve months.
F, Failure. The letter F denotes work that is definitely unsatisfactory and the course not passed.
W, Withdrawn. The mark WF means that the student was failing at the time of withdrawal, and WP means that he was passing at the time of withdrawal.

A report of the scholastic standing of students is received at the office of Admissions and Personnel at the mid-semester time in addition to the final semester reports. These reports are sent to the faculty counselor of each student and to parents or guardian.

PROBATION—The term "on probation" is applied to students who are continued in college after having failed to satisfy academic requirements to a proper degree, or who, by reason of deportment, do not meet the standards expected by faculty and administration.

A student shall be placed on probation for one semester if in the semester preceding he has failed to pass in nine hours of regular college work *and* earn at least six quality points. He shall be continued on probation until the end of that semester. If he passes in twelve hours of college work *and* earns twelve quality points in the semester, he may be removed from probation.

If he fails to pass twelve hours *and* earn twelve quality points, he can not be continued except by action of the Committee on Admissions and the recommendation of his faculty counselor. It is understood that one semester on probation is to be the limit and

that it is not the intention of the faculty to have students continue in college if they do not do satisfactory academic work. Only in unusual cases will a student be continued if he fails to meet the requirement set for probation students.

A student who fails to pass in less than six hours of academic work in any one semester can not be continued into the next semester. In case of unusual circumstances the Committee on Admissions may grant permission for the student to continue one semester on probation or to be continued as an unclassified student.

During the period of probation a student may be limited in his academic schedule, in participation in extra-curricular activities, or in social life. Such limitation may be imposed by his faculty counselor or by any proper officer of administration. The determination of actual eligibility to participate in intercollegiate or extra-curricular activities shall rest with the counselor and the Committee on Admissions and Classifications.

PROVISIONAL ENROLLMENT—The term "provisional enrollment" is applied to the status of students who are permitted to enroll for a provisional period of two weeks pending the receipt of secondary school record, the payment of the required amount on account, or pending the fulfillment of any other proper requirement of the administration. This is intended to cover the cases with which the Dean, the Committee on Admissions and Classifications, or the Bursar have to deal.

PENALTY FOR LATE REGISTRATION—Students in attendance during any semester must register on the opening day of the following semester, if they desire to continue their work. For the first three days two dollars is charged for each day of delay in registration and class absences will be counted against the student for all days missed. This rule does not relate to students entering for their first semester.

STUDENT'S SCHEDULE—A student ordinarily carries fifteen or sixteen credit hours of academic work each semester but it is possible for a student to carry additional credit hours with the permission of his counselor and the Committee on Admissions and Classifications. Under the accelerated program a normal load is increased to eighteen hours. It is ordinarily expected that no student will carry more than nineteen credit hours in any one semester.

Courses should not be changed or dropped except within the first week at the start of any one semester. In special cases a change can

be made in courses or schedule with the consent of the instructors concerned, the student's counselor, and the Dean of the Faculty. After the first week it is possible for a student to drop a course only if the counselor and the Dean feel that the best interests of the student will be served by such procedure. Students are not permitted to drop any course without adequate reason and approval.

CLASS ABSENCES—Students are expected to attend all class or laboratory meetings of a course and to participate in any outside activities which are a part of the course. The final decision as to approving absences which may be required because of illness or urgent matters of any kind is in the hands of the instructors concerned. Proper penalties or requirements may be imposed by any instructor for absences of any kind. In most cases class attendance is essential if the student is to get the greatest profit.

Students of superior ability and achievement are often allowed much freedom in the matter of class attendance and specific requirements.

WITHDRAWAL—An honorable discharge will be granted to any student who is in good academic standing and is not subject to discipline, who may desire to withdraw from the college, if he has satisfied his counselor and a responsible officer of the college that there is a reason sufficiently potent to justify such action. Students asking to withdraw should present such a request to the counselor with a written statement of approval from parent or guardian.

FINAL EXAMINATIONS—All students are required to take the examinations that come during the last week of each semester. Those who show by class work and examination that they are entitled to a grade D or above are passed.

SPECIAL EXAMINATIONS—A student who has been marked conditional in a course at the end of a semester may, with the consent of the instructor, be given an opportunity to take a second examination on the payment of a fee of \$2.00. When a student is justifiably absent from a final examination he may have a special test upon the payment of a fee of \$2.00. Fees for special examinations must be paid at the office of the Bursar before the examinations are taken. The Bursar's receipt must be presented to the instructor at the time of the examination and delivered by the instructor to the Recorder together with the grade given the student.

REPORT OF STUDENT'S PROGRESS—At any time parents or guardians are free to request further information concerning the develop-

ment, ability, and progress of a student. Requests should be made to the Provost or the Recorder.

ADVANCE ENROLLMENT—All students of the college are obliged to fill out advance enrollment blanks indicating the courses of study planned for the coming year. In the case of freshmen, these courses are selected under the direction of the freshman counselors. In the case of students who have selected a major, the professor in charge of the department elected will counsel regarding the student's curriculum.

TRANSFER OF RECORDS—Students wishing to transfer from Bethany College to another institution should request the Admissions and Personnel Office to send an official transcript of record and notice of honorable dismissal, giving notice of at least one week. One transcript is furnished for each student without charge; for each additional record a fee of one dollar is charged; this fee to be sent to the office with the request. All financial obligations to the college must be paid before a transcript can be issued.

FRATERNITY AND SORORITY INITIATION—Students shall not be initiated into any fraternity or sorority until they have satisfied the entrance requirements of the college, have fifteen hours of resident collegiate work credited on the college books, and have earned at least fifteen resident quality points.

JUNIOR YEAR ABROAD—Specially qualified students may substitute for the work of the junior year in the college a year of study in France or in Germany, under the supervision of the Foreign Study Plan of the University of Delaware. To be eligible for the junior year abroad, the student ordinarily must have an average grade of B or over in the work of the first three semesters. Each application must be approved by the Dean of the Faculty and the department concerned. Any student who may wish to avail himself of this opportunity must present the request in writing to the Committee on Admissions and Classifications before the end of the first semester of his sophomore year. This plan has been suspended for the duration of the war by order of the State Department.

STUDENT HEALTH

MEDICAL AND PHYSICAL EXAMINATION—A medical and physical examination of every new student is made during the first weeks of the college year by the college physician. It is strongly recommended that all students be examined at least once each year by the

family physician and dentist. All students are expected to be vaccinated and to have tuberculin and blood tests either at home or at the college dispensary.

VACCINATION—All applicants for admission must have been vaccinated within the past three years, or they must arrange to be vaccinated by the Student Health Service within one month after entrance unless excused by the Committee on Admissions and Classifications.

PHYSICAL EDUCATION—All students are required to take activities courses in physical education and, in either the freshman or the sophomore year, a course of lectures in personal hygiene. An elementary course in mental hygiene is offered as an elective in the Department of Education. These courses carry regular college credit.

SICKNESS—Each student is expected to report to the college dispensary in case of sickness of any kind. In the case of contagious or infectious disease, students will be expected to give absolute observance to any regulations which may be prescribed by the college officers or the county health officials.

The college physician is at the dispensary each day for consultation, examination, and treatment. Students are urged to report all injuries, diseases, or untoward symptoms, no matter how trivial they may seem. No extensive medical or surgical procedures are carried out at the dispensary but all minor ailments will be cared for, and some medicines will be supplied. Arrangements can be made for vaccinations, cold serums, and special treatment. The college physician is available for consultation and professional service without charge only at the dispensary.

Students are free to employ either the college physician or a physician of their own choice in any case of illness. Other well trained physicians are available in Wellsburg and Wheeling.

INFIRMARY—A small infirmary, in charge of the college nurse, is maintained at Phillips Hall. It includes two small wards and a medicine room. The infirmary is not open for dispensary service, diagnosis or treatment, and the services of the college physician are not available there without charge. It is intended only for bed-patients. The college nurse is in charge of the infirmary and is available at all hours for emergencies, but she is not subject to call for minor matters, dispensary service, or any services that can be cared for at the college dispensary during regular office hours. In

case of need each student is entitled to three days of care in the infirmary with no additional charge. For periods in excess of this time a nominal charge of \$1.00 per day is made. Students not boarding in college dining halls will be charged \$1.00 per day for board during the period of hospitalization.

SOCIAL REGULATIONS

STUDENT RESIDENCE—No student in any college year shall be permitted to reside or board in any place which has not been listed as approved. Fraternity and sorority houses, private dwellings, and dormitory rooms where students are living, must at all times be open for inspection and appraisal as to influences and conditions relating to morals, health, and social culture. All freshmen are required to live in the college dormitories through the entire first year.

SOCIAL LIFE—The men and women of the college meet under conditions intended to provide a pleasant and wholesome social life. A reasonable amount of social recreation is encouraged, though such diversion is restricted within limits considered most favorable to the welfare of the students. It is understood and expected that all students will observe the usual social conventions and individual students will be governed by discretion and regard for propriety, without the existence of minute and specific rules.

The women of the college live either in Phillips Hall, Helwig House, Gateway Hall or in sorority houses. Each is presided over by a house hostess or a faculty resident. The Academic Adviser for Women is in charge of the general supervision of the college women, with the direct responsibility for regulation of social life, residence and social privileges, etc., in charge of the Head of Residence for Women.

The dormitory for men affords at once a home for residents therein, and a center for the activities of the men of the college. Fraternity houses offer living accommodations for some of the upperclassmen.

All student organizations are required to obtain permission from the Head of Residence for Women before giving an entertainment or function of any kind either on or off the campus. A social calendar is kept in her office in which all public functions must be registered in advance.

STUDENT CONDUCT—In the administration of college regulations

it is the policy of the administration to be guided in the treatment of the individual cases largely by the recommendation of the student's counselor and by the general attitude of the student toward the college, i.e., whether or not he has proved himself a creditable member of the college community, as shown by regularity in attendance, promptness in the fulfillment of his obligations, earnestness in his endeavors to profit by the college opportunities, and in consideration of high standards in social and moral conduct.

The whole record of each student will be looked into at the end of each semester with reference to his conduct in the community as well as his academic attainments. If the student's conduct has been unsatisfactory and is likely to remain so, the administration will consider whether the student is justifying his candidacy for a college degree. Students who do not show promise of accomplishment will not be allowed to continue. It is expected that a student who earns credits at Bethany College must satisfy the faculty as to uprightness of character as well as accomplishments in scholarship.

It is earnestly desired that undergraduates may be influenced to good conduct and good scholarship by higher motives than fear of punishment. The sense of duty and honor, the courtesy and generous feeling natural to young men and women engaged in liberal pursuits, are appealed to as the best regulators of conduct. It is the policy of the college administration and faculty to allow in all things as much liberty as will not be abused, and the students are invited and expected to cooperate with the faculty and college officers. Students are answerable for their conduct during vacation no less than in term time.

There is no need for students to maintain automobiles in Bethany and they have proved a detriment to scholarship and a temptation to waste much time. The maintenance of an automobile or motorcycle in Bethany or vicinity without the permission of the college faculty is positively forbidden.

CHANGES IN REGULATION COVERING COURSES OF STUDY, DEGREES, DISCIPLINE, ETC.—The college administration reserves the right to amend the regulations covering the granting of degrees, the courses of study, and the conduct of students. Membership in Bethany College and the receiving of a degree are privileges, not rights. The college reserves the right, and the student concedes to the college the right, to require the withdrawal of any student at any time without explanation or trial.

THE SUMMER TERM

For the duration of the war the college will conduct a summer term as an integral part of the college program. Course offerings will be arranged so that they will fit in with the total program of the student. These courses will be taught by the regular teaching staff of the college. Freshmen may enter and begin their college course in the summer term with the same facility as in September.

According to present plans the summer term will be organized on the plan of two six weeks periods. Courses will be planned so that units can be completed at the end of each six weeks. For example, in the summer term it will be possible for a student to complete two semester courses carrying credit of six semester hours each, or to complete four courses of three semester hours credit each. The regular program of study will be supplemented by the usual extra-curricular activities. The student health service will function as usual. There will be a well-planned social and physical recreational program.

During the summer session room and board will be available for men and women students in the college dormitories and dining halls. All students enrolled in the summer term except those living at home, are expected to board at college dining halls and to room in a college residence hall. For expenses see page 28.

DATE OF THE SUMMER SESSION.

First term, June 16th-July 28th, 1943

Second term, July 29th-September 7th, 1943

STUDENT AID. Scholarships and student employment will be available to students on the usual semester basis.

Information regarding the summer term may be obtained by writing to the Director of Admissions.

The Dean of the Faculty will act as director of the summer session.

DEGREES CONFERRED IN COURSE

On May 17, 1942

BACHELOR OF ARTS

Magna Cum Laude

Rosemary Roberts

Cum Laude

Harold Blank
Edward Elsasser
Ralph Pryor
Barbara Schutt

Robert Smudski
Eleanor Sprouse
Elizabeth White

Rite

Eleanor Achterman
Sue Beth Archer
Gladys Armor
Phyllis Balch
Gwendolyn Borden
Paul Bowers
Jane Campbell
John Costanza
Wilbur Cramblet
George Davis
Frances Dvorak
Mildred Erskine
Janice Evans
William Griffiths
Ruth Halter
Grace Henkel
Bertram Major
Wallace Mayor

Ruth Moser
Florence Nicholas
Lily Pendleton
Morrison Ratcliffe
Dorothy Reynolds
Leon Schliff
Joanne Schott
Ruth Schwartz
Gordon Seidel
Robert Showman
Phyllis Skilton
Flora Jane Smith
Margaret Stein
William Stophel
Julia Wakefield
Eleanor Waterhouse
Helenmae Weinik
Mary Jean Weir

BACHELOR OF SCIENCE

Summa Cum Laude

Hilda Sarver

Magna Cum Laude

Elizabeth Murphy

Irvan Roche

Cum Laude

James Huntsberger

Rite

Edward Golden
John McCord
Martin Reiter

Charles Schulenberg
William Siemon
John Simeral

HONORARY DEGREES CONFERRED

On May 17, 1942

DOCTOR OF LAWS

Dr. Sao-ke Alfred Sze
Major General Richard K. Sutherland
Hon. J. Weldon Jones

DOCTOR OF DIVINITY

Rev. J. Frank Green

SENIORS PASSING COMPREHENSIVE EXAMINATION WITH DISTINCTION 1941-1942

James Huntsberger	Chemistry
Elizabeth Murphy	Biology
Lily Pendleton	Psychology
Ralph Pryor	Economics
Rosemary Roberts	French
Hilda Sarver	Chemistry
Barbara Schutt	Psychology
Robert Smudski	Biblical Literature
Elizabeth White	Economics

DEGREES CONFERRED IN COURSE

On January 24, 1943

BACHELOR OF ARTS

Magna Cum Laude

Donald Hillstrom

*Cum Laude*Charles Cluss
Kate Anna DrakeStewart Moore
Lenore Neil*Rite*Albert Cerveris
Joan Cramblet
Lewis Deer
Jane DouglassFaith Eidemiller
George Sitock
Alfred Swearingen
Don Wolf

BACHELOR OF SCIENCE

Summa Cum Laude

Raymond Sheline

Cum Laude

Ralph Burbridge

*Rite*Irving Glassman
Edward Harris
Charles HuhnLeo Shlickerman
Harold Siegelbaum
Richard Wallace

HONORARY DEGREES CONFERRED

On January 24, 1943

DOCTOR OF MUSIC

Thomas Henry Belviso

SENIORS PASSING COMPREHENSIVE EXAMINATION
WITH DISTINCTION JANUARY, 1943

Charles Cluss	Economics
Stewart Moore	Economics
Lenore Neil	Music
Raymond Sheline	Chemistry

ROSTER OF STUDENTS

SENIORS—CLASS OF 1943

Albee, George	521	Brussels St., St. Marys, Pa.
Bannen, William	223	Isabella St., Oakmont, Pa.
Baxter, Evelyn	1124	Wisconsin Ave., Dormont, Pa.
Benedict, Grace	614	Marshall St., McMechen, W.Va.
Bonessi, Angeline	448	Carolina Ave., Chester, W.Va.
Burbridge, Ralph	102	Euclid Ave., Dravosburg, Pa.
Callendine, George	20	N. Front St., Wheeling, W.Va.
Carnahan, Susan		Fifth St., Newell, W.Va.
Cerveris, Albert	3044	Windermere Ave., Dormont, Pa.
Cluss, Charles	15	Eggleston St., Uniontown, Pa.
Cramblet, Joan		Bethany, W.Va.
Daniel, Angelo	35	26th St., Wheeling, W.Va.
Deer, Lewis	717	Sherwood Ave., Pittsburgh, Pa.
Douglass, Jane	445	Florida Ave., Chester, W.Va.
Drake, Kate Anna	240	N. Franklin St., Washington, Pa.
Ehinger, Margaret	92	Parkwood Ave., Kenmore, N.Y.
Eidemiller, Faith	723	Harden Drive, Pittsburgh, Pa.
Fritz, Robert	22	Laurel Ave., Wheeling, W.Va.
Glassman, Irving	165	Center St., West Haven, Conn.
Golbey, Robert	253	Stuyvesant Ave., Brooklyn, N.Y.
Harris, Edward	91	Eaton St., Buffalo, N.Y.
Hawkins, James		R.D. 1, Waynesburg, Pa.
Hillstrom, Donald	2002	Duquesne Ave., McKeesport, Pa.
Huhn, Charles		Liberty St., Smithfield, Pa.
Hutchison, Irene	666	Liberty Ave., Carnegie, Pa.
Johnson, Harold		Rayland, Ohio
Keppel, John	419	Erie St., Wheeling, W.Va.
Loper, William	154	N. 20th St., Warwood, W.Va.
Mackey, Esther	139	Harvard Ave., Elyria, Ohio
Medick, John	2412	Chapline St., Wheeling, W.Va.
Moore, Stewart	110	N. Front St., Wheeling, W.Va.
McIlvain, Nellie	21	Fifth St., McMechen, W.Va.
McIntyre, Betty	321	Hartland Ave., Clarksburg, W.Va.
Neil, Lenore	24	Summit St., Willoughby, Ohio
Purdum, Janice	310	N. Bluff St., Butler, Pa.
Sesler, Mary Louise	308	Morgantown St., Uniontown, Pa.
Sheline, Raymond	3738	Stannard Drive, Toledo, Ohio
Shlickerman, Leo		Box 287, Alderson, W.Va.
Siegelbaum, Harold	2707	Creston Ave., New York, N.Y.
Sitock, George	53	Buffington St., New Salem, Pa.
Smith, Mariah		Bolenge, D.C.C.M., Congo Belge, Africa
Smith, Mary Lulu		Bolenge, D.C.C.M., Congo Belge, Africa
Swearingen, Alfred	3073	Pinehurst Ave., Dormont, Pa.
Umbel, Richard	59	Gilmore St., Uniontown, Pa.

Wallace, Richard	305	Winter Ave., New Castle, Pa.
Wells, Donald		Bethany, W.Va.
Williamson, Jane	721	Washington Ave., Carnegie, Pa.
Willoschat, Ardath	275	E. Euclid St., Valley Stream, N.Y.
Wolf, Don	1504	Hildred Ave., Wheeling, W.Va.

JUNIORS—CLASS OF 1944

Albrecht, Frederick	1620	Vance Ave., Coraopolis, Pa.
Alexander, Robert	400	Woodlawn Ave., Buffalo, N.Y.
Bass, Gloria	1222	Pacific St., Brooklyn, N.Y.
Baumgartner, Jack	432	S. 6th St., Clarksburg, W.Va.
Beard, Arthur	32	N. Front St., Wheeling, W.Va.
Belknap, Jean	705	Ecton Rd., Akron, Ohio
Bishop, Ellajane	4328	Birchwood Ave., Ashtabula, Ohio
Boyd, Donald		Spring Valley Road, Huntington, W.Va.
Brinkworth, Donald	914	Vickroy Ave., Johnstown, Pa.
Bullard, Robert	114	Wheeling Ave., Elm Grove, W.Va.
Burke, Anna Laura	315	Sycamore St., Pittsburgh, Pa.
Carlisle, William	514	Superior St., Port Huron, Mich.
Committe, Thomas	124	Columbia Ave., Elm Grove, W.Va.
Curran, Peter		Hotel Marie-Antoinette, New York, N.Y.
Downes, Virginia	227	Holland Ave., Braddock, Pa.
Drum, James		R.F.D. 4, Wheeling, W.Va.
Foy, Charles	15	Division St., Crafton, Pa.
Goe, Jean	230	S. 8th St., Connellsville, Pa.
Harvey, Patricia	15	Gaynor Ave., Manhasset, N.Y.
Heckel, Roy	114	Bonvue St., Pittsburgh, Pa.
Helfer, Mary Jane		Box 1924, Fort Benning, Ga.
Hendrickson, Phyllis	2407	Meadowwood, Toledo, Ohio
Herrick, Theodore	27671	Lake Shore Blvd., Euclid, Ohio
Hood, Betty Lue	401	Castle Shannon Rd., Mt. Lebanon, Pa.
Hudak, John	610	Federal St., McKees Rocks, Pa.
Hunter, Marjorie	1016	Maple St., Natrona Heights, Pa.
Husband, Robert	624	Cliff Ave., Bellevue, Pa.
Jaramillo, Carlos		Plaza San Martin 138, Lima, Peru
Jassen, Irene	47	Pratt St., Winsted, Conn.
Jones, Evelyn		Bethany, W.Va.
Keckley, Eugene		R.F.D. 1, Granville, Ohio
Keylor, Lavelle	1049	Cherry St., Wheeling, W.Va.
Kramer, Donald	130	Overlook Dr., Mt. Lebanon, Pa.
LaBarre, Joseph	1800	Main St., Wellsburg, W.Va.
Lammert, Harry	210	Edward Ave., Mt. Lebanon, Pa.
Land, Jane	7001	Woodland Ave., Ben Avon, Pa.
LeStrange, Raymond	60-72	Madison St., Ridgewood, L.I., N.Y.
Michael, Anna	35-49	86th St., Jackson Heights, N.Y.
Monczynski, Bernice	58	Decker Ave., Buffalo, N.Y.
Murphy, Creighton		Chalmers Place, Mt. Lebanon, Pa.

Murphy, Harry		Chalmers Place, Mt. Lebanon, Pa.
MacLeod, Jean	20½	Seventeenth Ave., Columbus, Ohio
McHarg, Marion	170	Virginia St., Hillside, N.J.
Parmentier, Gordon	839	S. Quincy St., Green Bay, Wis.
Plank, Betsy Ann	3429	Meadowcroft Ave., Mt. Lebanon, Pa.
Rappaport, Raymond	79	Maple St., Maplewood, N.J.
Reed, Mary Helen	2196	Marshall St., Elm Grove, W.Va.
Rutherford, Ruth	245	Jefferson Ave., Washington, Pa.
Sawyer, William	1452	W. Market St., Steubenville, Ohio
Sembower, James	30	Oakland Ave., Uniontown, Pa.
Smith, Mary Elizabeth	16	Graff St., Oil City, Pa.
Stealey, Robert	1102	19th St., Parkersburg, W.Va.
Steinman, Sanford	714	W. 181st St., New York, N.Y.
Sweeney, Edwin	152	Burns St., Forest Hills, Long Island, N.Y.
Thomas, Frances		Box 189, Russells Point, Ohio
Throckmorton, Eleanor	275	W. Franklin St., Waynesburg, Pa.
Tidwell, Shirley	229	60th St., West New York, N.J.
Van Strien, Evelyn	111	W. 5th St., Bayonne, N.J.
Walls, Jane	426	Boyles Ave., New Castle, Pa.
Waterman, Roger	132	W. 22nd St., Erie, Pa.
Weimer, John		Bethany, W.Va.
Whetstone, Janet		Forest Ave., Hopwood, Pa.
Young, William	810	Commerce St., Wellsburg, W.Va.
Zingher, Henry	663	Grassmere Terrace, Far Rockaway, L.I., N.Y.

SOPHOMORES—CLASS OF 1945

Alexy, Marie		R.F.D. 1, Washington, Pa.
Alliger, Carol	2	Hill St., Tonawanda, N.Y.
Anderson, Patricia	717	Chestnut St., Irwin, Pa.
Balling, Wayne	226	N. Gallatin Ave., Uniontown, Pa.
Bannen, Elizabeth	223	Isabella St., Oakmont, Pa.
Barnes, Beverly	2118	Commerce St., Wellsburg, W.Va.
Barnes, James		R.F.D. 1, Sharon, Pa.
Barton, Jesse	423	Elm St., Martins Ferry, Ohio
Bell, Charles		Oakdale Rd., East McKeesport, Pa.
Benjamin, Marguerite	207	Washington, Ave., Vandergrift, Pa.
Bower, Mary Lou	482	Colbert Ave., Oil City, Pa.
Bright, Dorothy	15611	Walden Ave., Cleveland, Ohio
Brooks, Gladys	602	Edna St., Connellsville, Pa.
Carstensen, Harold	3541	Douglas Rd., Toledo, Ohio
Cavanaugh, Catherine	12963	Clifton Blvd., Lakewood, Ohio
Chapman, Barbara	605	Freeport Rd., New Kensington, Pa.
Coble, John	324	W. Main St., Uniontown, Pa.
Culley, Marian	618	Hawthorne Ave., Kittanning, Pa.
Cunningham, Merle		Box 63, Fredericktown, Pa.
Cusmano, Anthony	41	Jefferson St., Brooklyn, N.Y.
DeFede, Anton	1425	Commerce St., Wellsburg, W.Va.

Donics, Frank	1524	W. North Ave., N.S., Pittsburgh, Pa.
Douglass, Ann	445	Florida Ave., Chester, W.Va.
Dowler, William	142	N. 18th St., Wheeling, W.Va.
Dumbaugh, William	3804	Palisade Drive, Hollidays Cove, W.Va.
Epler, John	9236	245th St., Bellerose, N.Y.
Faulds, Rose Mary	308	Murphy Ave., Steubenville, Ohio
Fiess, Lee	4th	St., New Martinsville, W.Va.
Finley, James		Green's Addition, Brilliant, Ohio
Fizer, Bettie Lou	227	Rodney Ave., Buffalo, N.Y.
Flint, Janet		Martha Road, Harrington Park, N.J.
Ganz, Rita	8201	19th Ave., Brooklyn, N.Y.
Gay, Charlotte		Bethany, W.Va.
Geenen, Carl	521	Race St., Connellsville, Pa.
Glassburn, Matilda		R.F.D. 2, Mt. Pleasant, Pa.
Graham, Effin	358	Morgantown St., Uniontown, Pa.
Greiper, Myron	2388	Creston Ave., New York, N.Y.
Gudgel, Edward	2771	Delaware Ave., Kenmore, N.Y.
Halley, William	820	6th St., Elizabeth, Pa.
Harrington, Nancy		Pleasant Ave., Hamburg, N.Y.
Hart, Thomas	537	10th St., Niagara Falls, N.Y.
Henderson, Byron		Waynesburg Pike, Moundsville, W.Va.
Henderson, Marie		Grindstone, Pa.
Hinkle, Elynor	203	Worley Ave., Clarksburg, W.Va.
Hirsch, Richard	21	Decker Ave., Elizabeth, N.J.
Hoak, George	146	61st St., Niagara Falls, N.Y.
Hoop, George		Main Street, Hickory, Pa.
Howard, Lindsay	32	Oakland Ave., Uniontown, Pa.
Hudson, Robert	131	Alwine Ave., Greensburg, Pa.
Hueston, Robert	1238	Hiland Ave., Coraopolis, Pa.
Johnson, Frances	24	Robinson St., Uniontown, Pa.
Johnston, Eunice	13513	Cormere Rd., Cleveland, Ohio
Jones, Betty	51	LaSalle Ave., Kenmore, N.Y.
Jones, John	184	River St., Madison, Ohio
Jordan, Jeanne	720	Valley View Rd., Mt. Lebanon, Pa.
Joseph, Mary Virginia	121	St. James Pl., Buffalo, N.Y.
Judy, Ruth	120	Bell Ave., Dover, Ohio
Kaiser, Doris	537	Palissey St., East Liverpool, Ohio
Kaiser, Robert	1504	Warwood Ave., Wheeling, W.Va.
Keiser, Lois		Lake Lynn, Pa.
Kohan, Sheldon	4600	9th Ave., Brooklyn, N.Y.
Koval, Erwin	3509	Forest Ave., Homestead Park, Pa.
Landgrebe, Elaine	1857	Burnette Ave., East Cleveland, Ohio
Laughner, Eugene	1025	Indiana Ave., Monaca, Pa.
Lowery, Earl	308	E. Patterson Ave., Connellsville, Pa.
Magdovitz, Benjamin	508	W. 2nd St., Oil City, Pa.
Martinez, Roberto		Tegucigalpa, Honduras, Central America
Matheny, Jeanne Lois	6	Winchell Ave., Uniontown, Pa.

Middleton, Thomas	303 Pine St., New Castle, Pa.
Miller, Richard	309 Indiana Ave., Chester, W.Va.
Mohler, Patricia	324 Oakland Ave., Greensburg, Pa.
Mooney, Wade	1417 Wilson St., McKeesport, Pa.
Morrison, Maxine	Farmington, Pa.
Morse, Jean	1249 Franklin Ave., Wilkinsburg, Pa.
Moyers, Emmet	Norton, W.Va.
MacDougall, Jack	210 Norwalk Ave., Buffalo, N.Y.
MacPherson, James	1601 Main St., Wellsburg, W.Va.
McCandless, Esther	232 Poplar Ave., New Cumberland, Pa.
McCracken, Esther	112 Pennsylvania Ave., Cameron, W.Va.
Ott, Reuben	68 St. Johns Ave., Kenmore, N.Y.
Padden, John	843 Hanover St., Martins Ferry, Ohio
Pletz, Clayton	478 Reno St., Rochester, Pa.
Pohle, George	24 Barry Rd., Scarsdale, N.Y.
Pudlin, Audrey	12 W. 72nd St., New York, N.Y.
Puglisi, Anthony	55 Underhill St., Tuckahoe, N.Y.
Reske, Betty Ann	3120 Wabash St., Detroit, Mich.
Reusche, Frank	Hotel Beacon, 2130 Broadway, New York, N.Y.
Rhodes, Jean	11 Ravine Rd., Tenafly, N.J.
Rowe, Nancy	715 Parkside Ave., Buffalo, N.Y.
Rylander, Jean	Country Club Rd., Fairmont, W.Va.
Sabol, Evelyn	3050 Orchard Ave., Weirton, W.Va.
Savage, David	206 5th Ave., McKeesport, Pa.
Schmeichel, Gertrude	7125 Thomas Blvd., Pittsburgh, Pa.
Sesler, Gladys	439 Braddock Ave., Uniontown, Pa.
Shank, Earl	408 Penn St., Connellsville, Pa.
Shervington, Jeanne	252-35 Leeds Rd., Little Neck, N.Y.
Skilton, Shirley	Strong Terrace, Winsted, Conn.
Sole, John	114 Alexander Ave., Clarksburg, W.Va.
Stewart, Everett	1330 Pocono St., Pittsburgh, Pa.
Stitt, Stanley	418 Lawson Ave., Steubenville, Ohio
Sturman, Jane	914 Summer Pl., Mt. Lebanon, Pa.
Sweeney, Melvin	243 Wills Rd., Connellsville, Pa.
Taylor, John	1181 Sunset View Dr., Akron, Ohio
Taylor, Ruth	23 McKinley Ave., Kenmore, N.Y.
Tiffany, Roger	Pomeroy St., Wilbraham, Mass.
Tomasek, Nancy	R.F.D. 4, Box 182-B, Uniontown, Pa.
Trench, James	33 Linden St., Uniontown, Pa.
Trese, Barbara	1314 7th St., Port Huron, Mich.
Turner, Edna	2525 Morris Ave., New York, N.Y.
Veith, Jean	2319 Hawthorne Ave., Swissvale, Pa.
Watts, Thomas	11 College St., Poland, Ohio
Wagh, Marilyn	R.F.D. 1, Wellsburg, W.Va.
Wells, Llewelyn	Ben's Run, W.Va.
Wilkin, Mary	1453 Main St., Wellsburg, W.Va.
Williams, James	1705 11th St., N.E., Massillon, Ohio

Wright, Jack A.	Brookdale Rd., Stamford, Conn.
Wright, Robert	101 Ben Lomond St., Uniontown, Pa.
Young, J. Donald	805 Charles St., Carnegie, Pa.
Zaworski, Elaine	10806 Grace Ave., Garfield Heights, Ohio
Ziegler, Armand	998 Ogden Ave., New York, N.Y.

FRESHMEN—CLASS OF 1946

Adams, Robert	2420 Vance Ave., Wheeling, W.Va.
Ali, Frank	4321 Graphic St., Pittsburgh, Pa.
Allison, Mary	318 Washington Rd., Mt. Lebanon, Pa.
Anderson, John	2234 Main St., Wellsburg, W.Va.
Anderson, Peggy	359 W. Park Ave., Mansfield, Ohio
Angelis, James	164 Washington Ave., Wheeling, W.Va.
Arnold, Betty Jo	3515 West End Ave., Nashville, Tenn.
Ball, Patricia	633 Main St., Wheeling, W.Va.
Barr, Mary Ann	303 11th St., Moundsville, W.Va.
Beaver, James	414 S. St. Marys St., St. Marys, Pa.
Becker, Walter	105-18 29 Ave., East Elmhurst, N.Y.
Beggs, William	519 Oden St., Confluence, Pa.
Bell, Donald	1520 Oregon Ave., Steubenville, Ohio
Belt, Duane	W. 23rd St., Bellaire, Ohio
Belton, James	215 Buena Vista Blvd., Steubenville, Ohio
Bertschy, Sarah	624 Main St., Wheeling, W.Va.
Beveridge, Richard	709 Kimball Ave., New Kensington, Pa.
Boushee, Frank	618 Cochran Rd., Pittsburgh (16), Pa.
Brendlin, Velma	3704 Bowne St., Flushing, N.Y.
Bright, Martha May	R.F.D. 1, Verona Rd., Verona, Pa.
Brooke, Eleanor	528 Hugart St., Confluence, Pa.
Brown, Anne	762 Lebanon Ave., Mt. Lebanon, Pa.
Brown, Francis	2006 Madison St., Chester, Pa.
Brownfield, Mary	Belmont Circle, Uniontown, Pa.
Bruhn, Robert	Park View Lane, Elm Grove, W.Va.
Brunswick, Betty	16 Linden Ave., Kenmore, N.Y.
Buccieri, Mary	900 Brookline Blvd., Pittsburgh, Pa.
Buechley, Frank	R.D. 3, Box 541, Johnstown, Pa.
Bullard, Nathaniel	114 Wheeling Ave., Elm Grove, W.Va.
Burns, Marion	24 DeKalb St., Tonawanda, N.Y.
Burtis, Evelyn	322 Cedar Blvd., Mt. Lebanon, Pa.
Cantrall, Rebecca	507 Stanley Ave., Clarksburg, W.Va.
Carman, Alfred	1224 Charles St., Wellsburg, W.Va.
Carroll, Betty	105 Petroleum Ave., Claysville, Pa.
Cater, Carl	Stone Church Rd., Elm Grove, W.Va.
Chance, James	Memminger Lane, Wheeling, W.Va.
Cloudsley, Donald	711 Crescent Ave., Buffalo, N.Y.
Collins, Harry	35 Derrick Ave., Uniontown, Pa.
Condie, Betty	1140 Sycamore St., Steubenville, Ohio
Costine, Jack	S. Marietta St., St. Clarsville, Ohio

Cowen, Nancy	3833	Highland Ave., Shadyside, Ohio
Cramblett, Patricia		R.D. 3, Meyersdale, Pa.
Crawford, Blanche	42	Seventh St., Glen Dale, W.Va.
Crimm, Molly	16141	Appoline, Detroit, Mich.
Dagefoerde, Norman	1320	Thatcher Dr., Toledo, Ohio
Davidson, Marjorie	347	E. Liberty St., Girard, Ohio
Davies, David	494	Braddock Ave., Uniontown, Pa.
Davies, Pauline	258	Wychwood Lane, Youngstown, Ohio
Day, James		R.D. 1, Riley Rd., Wheeling, W.Va.
Day, Malcolm	123	61st St., Niagara Falls, N.Y.
Dodd, Jean		Market St., Brilliant, Ohio
Drautz, Gertrude	367	E. 248th St., Euclid, Ohio
Dueker, Robert	2506	Chapline St., Wheeling, W.Va.
Duffus, Howard	447	Court Ave., Cedarhurst, L.I., N.Y.
Edgar, Mary	365	S. Atlantic Ave., Pittsburgh, Pa.
Ely, Thomas		Great Hills Ter., Box 338, Short Hills, N.J.
Everson, Ralph	115	14th St., Wheeling, W.Va.
Fair, Richard		R.F.D. 2, Wellsburg, W.Va.
Ferris, William	1234	Pine Ave., Niagara Falls, N.Y.
Fessler, Eileen	61	Lloyd Ave., Lynbrook, N.Y.
Foley, Betty	4138	Noble St., Bellaire, Ohio
Foley, John	1210	S. Pittsburgh St., Connellsville, Pa.
Follen, Dorothy	31	13th St., Wheeling, W.Va.
Fouch, Jack	808	Broadway, Wellsville, Ohio
France, Carl		West Middletown, Pa.
Fulmer, John	411	River Ave., Toronto, Ohio
Galm, June	58	Elm Ave., Floral Park, N.Y.
Gans, Charles	200	Morgantown St., Uniontown, Pa.
Glassburn, Ruth		R.F.D. 2, Mt. Pleasant, Pa.
Goerss, Robert	31	Wendell Ave., Kenmore, N.Y.
Golden, Helen	2201	Richland Ave., Wheeling, W.Va.
Goss, Aimee	2213	Vance Ave., Wheeling, W.Va.
Governato, Kay		Amsterdam, Ohio
Greengard, Paul	68-22	Dartmouth St., Forest Hills, N.J.
Grimshaw, Eugenia	101	Wayne St., Aliquippa, Pa.
Gwennap, Jack	5	Cross St., Wheeling, W.Va.
Hall, Phillip	223	Orchard St., Cranford, N.J.
Hamilton, Hugh	89	Altadena Dr., Pittsburgh, Pa.
Hare, Andrew		N. Liberty St., West Alexander, Pa.
Harries, Elizabeth	1333	Arlington Ave., Steubenville, Ohio
Hart, Barbara	31	Walnut St., Uniontown, Pa.
Hartley, Richard	1438	Hildreth Ave., Wheeling, W.Va.
Harvey, Alice	305	15th St. N.E., Washington, D.C.
Heatherington, Daniel	1912	Belmont St., Bellaire, Ohio
Hemstreet, Albert	177	Wardman Rd., Kenmore, N.Y.
Hewetson, William	59	N. Third St., Martins Ferry, Ohio
Hoak, Frank	146	61st St., Niagara Falls, N.Y.

Hoffmann, Joseph	Bethlehem, Wheeling, W.Va.
Hoop, Willard	Main St., Hickory, Pa.
Hora, Betty	7 Cross St., Bridgeport, Ohio
Houghton, Winifred	Dodd St., Middlebourne, W.Va.
Humpton, Louis	1119 S. Park St., Wheeling, W.Va.
Huss, Carl	3637 Jacob St., Wheeling, W.Va.
Hutchinson, Harry	1324½ Western Ave., Pittsburgh, Pa.
Jameson, Lois	73 Koster Row, Eggertsville, N.Y.
Jones, Katherine	Box 496, Grove Rd., R.F.D. 10, Pittsburgh, Pa.
Jones, Sandra Lee	37 Shady Lane, Uniontown, Pa.
Karp, Olga	Sheridan Lane, Boonton, N.J.
Keefe, Jane	221 N. Elmwood Ave., Medina, Ohio
Kelly, Mary	Claysville, Pa.
Kennedy, Leroy	2564 National Rd., Wheeling, W.Va.
Kerfoot, Frances	5 Lebanon Ave., Uniontown, Pa.
Knezevich, Anthony	613 Hemlock Way, Glassport, Pa.
Kohls, Jene	5875 Wickfield Dr., Parma Heights, Ohio
Kolson, Harriet	4512 Cottage Pl., Union City, N.J.
Kruse, Carol	146 81st St., Brooklyn, N.Y.
Kuhn, Lewis	901 Washington Ave., Brooklyn, N.Y.
LaBarre, Robert	1800 Main St., Wellsburg, W.Va.
La Marca, Peter	15 Ogden Rd., Belleville, N.J.
Lancaster, LaReva	7506 Church Ave., Ben Avon, Pittsburgh, Pa.
Lascheid, Vincent	290 Newburn Dr., Mt. Lebanon, Pa.
Lawrence, Kenneth	815 Sixth St., Secaucus, N.J.
Lazear, Isa	1600 Denniston Ave., Pittsburgh, Pa.
Leckemby, Roye	Box 416, Smithfield, Pa.
Lewellen, William, III	42 Frank Ave., Uniontown, Pa.
Lewis, Edward	104 Elk St., Ridgeway, Pa.
Link, Robert	60 Hillcrest Lane, Uniontown, Pa.
Loncasty, Donald	35 Walnut St., East Aurora, N.J.
Lord, Anne	147 Main St., Hamburg, N.Y.
Lydick, Keith	Stone Church Rd., Elm Grove, W.Va.
Lyth, Alfred	2 Goulding Ave., Buffalo, N.Y.
Madison, Mildred	211 Kickapoo Ter., Peoria, Ill.
Malin, Myra	13945 Lake Ave., Lakewood, Ohio
Mastalir, John	Rockaway Ter., Lawrence, N.Y.
Michaels, Rhoda	4 Burnside Ave., Lawrence, N.Y.
Miles, Phyllis	116 Moore Ave., Uniontown, Pa.
Miller, Eugene	3334 Ainslie St., Chicago, Ill.
Myers, Edwin	235 Metz Ave., Akron, Ohio
Myers, Julian	Center Ave., Burgettstown, Pa.
MacKay, Donald	Lake Drive West, Packanack Lake, N.J.
McDaniel, Esther	16596 Harlow Ave., Detroit, Mich.
McEvoy, Frank	903 Third St., East McKeesport, Pa.
McIntosh, John	Ridge Ave., New Cumberland, W.Va.
McNerney, Carolyn	577 Linden Ave., East Aurora, N.Y.

Nestell, Clayton	764 E. Oakwood St., East Aurora, N.Y.
Newcomer, Dorothy	Box 136, R.F.D. 3, Uniontown, Pa.
Newman, Jay	2186 Grand Concourse, New York, N.Y.
Nixon, Donald	R.F.D. 2, Box 339, Connellsville, Pa.
Opie, Martha	1540 Asbury Pl., Pittsburgh, Pa.
Pardew, Betty Lee	1562 Tolma Ave., Dormont, Pa.
Parkins, Lorraine	220 Birch Ave., Pittsburgh (16), Pa.
Patterson, Mary Helen	191 Casterton Ave., Akron, Ohio
Paulson, Anna Mary	45 Derrick Ave., Uniontown, Pa.
Perrin, Donald	125 Mang Ave., Kenmore, N.Y.
Perry, David	10 Mountain Ave., Maplewood, N.J.
Perry, Virginia	3210 Lexington Rd., Louisville, Ky.
Phuntek, Arthur	R.F.D. 2, Box 75, Connellsville, Pa.
Podolle, Marion	1295 Clinton Ave., Irvington, N.J.
Porterfield, William	137 Overbrook Dr., Bridgeport, Ohio
Poston, Rosalie	1229 15th St. N.W., Washington, D.C.
Potts, Gordon	19 Ark Ave., Mozart, Wheeling, W.Va.
Radman, Faye	519 N. River Ave., Toronto, Ohio
Rank, LaVerne	Main St., Sturgeon, Pa.
Rankin, Janet	1510 Vance Ave., Coraopolis, Pa.
Reisling, James	Brilliant, Ohio
Richardson, Thomas	704 Broadway, Martins Ferry, Ohio
Ridenour, James	Chestnut Hill, East Aurora, N.Y.
Riedel, Robert	3541 Eoff St., Wheeling, W.Va.
Riggin, Donald	287 Coolspring St., Uniontown, Pa.
Rimko, Velma	603 Romine Ave., McKeesport, Pa.
Rinetti, Edward	41-02 103 rd St., Corona, N.Y.
Ripley, Myra	541 Highland Pl., Bellevue, Pa.
Robinson, Claire	206 Chapman Ave., Bellmore, N.Y.
Rodefer, Charles	102 N. Porter St., Waynesburg, Pa.
Rodgers, Ruth	Bethany, W.Va.
Rose, Barbara	511 S. Niagara, Tonawanda, N.Y.
Rossi, Clement	21 E. Wine St., Uniontown, Pa.
Saas, Thomas	1506 Woodward Ave., Lakewood, Ohio
Schaffer, Donald	319 W. 40th St., Shadyside, Ohio
Schwab, Willi	2424 Pine Ave., Niagara Falls, N.Y.
Shankroff, Doris	857 Park Pl., Brooklyn, N.Y.
Shepherd, Marigene	322 34th St., Bellaire, Ohio
Shockley, Evelyn	2908 Brownsville Rd., Pittsburgh (10), Pa.
Simpson, Robert	Grand Ave., Wellsburg, W.Va.
Singer, Alvin	291 Rand St., Camden, N.J.
Singer, Philip	1420 College Ave., Bronx, N.Y.
Smith, Robert	16 Graff St., Oil City, Pa.
Stankey, Robert	13629 Monte Vista, Detroit, Mich.
Steinberg, Harry	1685 Topping Ave., New York, N.Y.
Steinberg, Herman	200 Northland Ave., Buffalo, N.Y.
Steinheiser, Anna	104 Cleveland Ave., Uniontown, Pa.

Steiniger, Dan	709 Warwood Ave., Wheeling, W.Va.
Steinmann, Edwin	78005 83rd St., Glendale, N.Y.
Stevenson, Altha	30 Elmwood St., Crafton, Pa.
Stewart, Virginia	119 Nicholas St., Clarksburg, W.Va.
Stimmel, Robert	189 Franklin Ave., Wellsburg, W.Va.
Stimmel, Thomas	189 Franklin Ave., Wellsburg, W.Va.
Strauss, William	8128 Hudson Blvd., North Bergen, N.J.
Taylor, Edward	42 Poplar Ave., Wheeling, W.Va.
Theiss, Ann	Middlebourne, W.Va.
Tighe, Joseph	114 Grove Ave., Woodbridge, N.J.
Todd, Annabelle	59 Stuyvesant Ave., Larchmont, N.Y.
Truxal, M. Louise	Box 15G., First St., Manor, Pa.
Van Camp, Charles	3349 Franklin St., Bellaire, Ohio
Wagner, Ruth	Burkham Ct., Elm Grove, W.Va.
Wancheck, Anne	Bobtown, Pa.
Wassmann, Karl	135 N. 17th St., Camp Hill, Pa.
Weimer, Margaret	Bethany, W.Va.
Weiss, Alan	31-45 Crescent St., Long Island City, N.Y.
Wellman, Elsie	186 Eaton St., Buffalo, N.Y.
Welsh, Norma	563 Fourth St., Butler, Pa.
White, Charline	Bethany, W.Va.
Whitehead, Nancy	Harrison City Rd., Manor, Pa.
Whitelock, Edward	17195 Northlawn, Detroit, Mich.
Williams, Arlene	3031 Glenwood Ave., Youngstown, Ohio
Williams, Gwen	825 Ashland Ave., Buffalo, N.Y.
Wilson, Joyce	Sandy Beach, Grand Island, N.Y.
Wilson, Mariellen	100 Wickham Ave., Beckley, W.Va.
Wittwer, John	Chappaqua, N.Y.
Wojcik, George	305 Bow St., Wheeling, W.Va.
Wood, Robert	48 W. Oakland Pl., Buffalo, N.Y.
Woodbury, Waldo	47 Prospect Pl., Brooklyn, N.Y.
Woodhouse, Betty	310 E. Highland Ave., Ravenna, Ohio
Wright, Frances	Wilson Mills Rd., South Euclid, Ohio
Yeager, Marilyn	235 Dixon Blvd., Uniontown, Pa.
Yost, Alice	122 Euclid Ave., Clarksburg, W.Va.
Zimmerman, Jack	606 N. Main St., New Martinsville, W.Va.
Zubak, Matthew	Box 65, Short Creek, W.Va.

UNCLASSIFIED STUDENTS

Carnahan, Gladys	Bethany, W.Va.
Carter, Mrs. Rush	Bethany, W.Va.
Forry, June	Bethany, W.Va.
Garner (Gourevitch), Laure	325 W. 71st St., New York, N.Y.
Gilbert, Pauline	Bethany, W.Va.
Groseclose, Elsie	Bethany, W.Va.

SUMMARY OF STUDENTS 1942-1943

Summer Term, 1942

	<i>Men</i>	<i>Women</i>	<i>Total</i>
Seniors	15	7	22
Juniors	17	11	28
Sophomores	20	12	32
Freshmen	15	10	25
Unclassified Specials	6	6	12
Total	73	46	119

First Semester 1942-1943

	<i>Men</i>	<i>Women</i>	<i>Total</i>
Seniors	29	20	49
Juniors	36	27	63
Sophomores	62	56	118
Freshmen	76	95	171
Unclassified Specials	0	4	4
Total	203	202	405

Second Semester 1942-1943

	<i>Men</i>	<i>Women</i>	<i>Total</i>
Seniors	13	15	28
Juniors	32	28	60
Sophomores	56	56	112
Freshmen	99	93	192
Unclassified Specials	0	5	5
Total	200	197	397

For the College Year

	<i>Men</i>	<i>Women</i>	<i>Total</i>
Seniors	30	20	50
Juniors	38	31	69
Sophomores	63	57	120
Freshmen	119	105	224
Unclassified Specials	4	12	16
Total	254	225	479

ENROLLMENT BY STATES AND FOREIGN COUNTRIES

Belgian Congo	2
Connecticut	4
District of Columbia	1
Georgia	1
Honduras	1
Illinois	2
Kentucky	1
Maryland	1
Massachusetts	1
Michigan	7
New Jersey	21
New York	89
Ohio	69
Pennsylvania	168
Peru	1
Tennessee	1
West Virginia	109
Wisconsin	1
Total	479

THE ALUMNI ASSOCIATION OF BETHANY COLLEGE

The Alumni Association of Bethany College had its origin in 1846, six years after the founding of the college, when the members of the first three graduating classes met during the commencement season and organized the "Society of the Alumni of Bethany College." The constitution, drawn up and adopted at that time, remains as one of the interesting historical documents of the college. In later years there was no continuous and active alumni program.

Alumni records and activities are now under the direction of Mr. George C. Hettler, who is the Executive Secretary. In the determination of policies and program the leadership is taken by the Alumni Advisory Council of Bethany College. This council is composed of the officers of the alumni association and representatives from the geographical districts. The alumni office at the college preserves records concerning the activities of alumni, publishes throughout the year several alumni issues of the *Bethany College Bulletin*, assists in the programs of branch associations, and seeks, in various ways to promote alumni activity and interest. All graduates and former students automatically become members of the association when they leave the campus. The association is affiliated with the American Council.

OFFICERS OF THE ALUMNI ASSOCIATION

President	Miss Alice M. Drake, Washington, Pa.
Vice-President	Emerson G. Hess, Jr., Pittsburgh, Pa.
Secretary	George C. Hettler, Bethany, W.Va.
President of the Alumni Advisory Council	Mr. Sidney C. Porter, East Liverpool, Ohio

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BEQUESTS

Gifts to the college may take the form of lectureships, of scholarships, of professorships, of additions to the material equipment, or of contributions to the permanent endowment fund or the current expense fund of the college. Special conditions may, of course, be attached to any gift. Forms of bequests are suggested as follows:

A. UNRESTRICTED BEQUEST

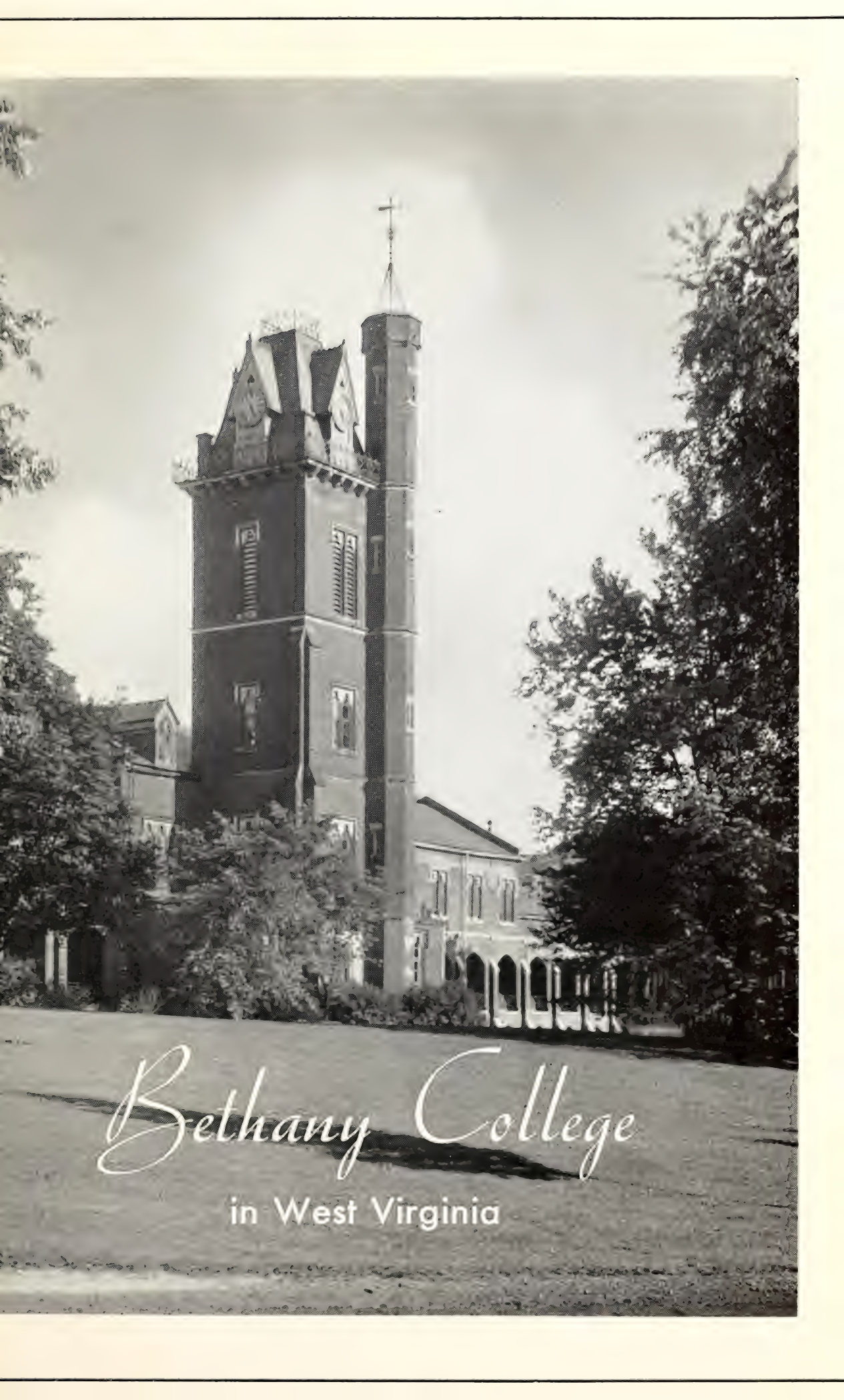
I give, devise, and bequeath to the Trustees of the Bethany College, a corporation established by law at Bethany in the Commonwealth of West Virginia, the sum of dollars, to be applied to the general uses and purposes of the said institution.

B. UNRESTRICTED BEQUEST MAKING THE COLLEGE RESIDUARY LEGATEE

All the rest, residue, and remainder of my estate, real and personal, I devise and bequeath to the Trustees of the Bethany College, a corporation established by law at Bethany in the Commonwealth of West Virginia, to be applied to the general uses and purposes of the said institution.

C. BEQUEST FOR ENDOWMENT

I give, devise, and bequeath to the Trustees of the Bethany College, a corporation established by law at Bethany in the Commonwealth of West Virginia, the sum of dollars to be invested and preserved inviolably for the endowment of Bethany College.



Bethany College

in West Virginia



PRESIDENT WILBUR H. CRAMBLET

Bethany College *in* **West Virginia**

"Our purpose To provide higher education in an atmosphere sympathetic to Christian ideals and Christian faith and to conserve and develop the moral character and religious life of its students."

BETHANY COLLEGE was founded in 1840 by Alexander Campbell and chartered by the State of Virginia. It is a small co-educational college of the liberal arts and sciences, privately controlled by a self-perpetuating board of trustees. The college is accredited by all regional and national agencies.

Bethany is located in the northern panhandle of West Virginia 15 miles northwest of Wheeling and 45 miles southwest of Pittsburgh.

Definite training is given for the following vocations and post-college activities: Business Administration (including programs in retail merchandising, secretarial work, and business teaching for both men and women), Government and Public Service, Journalism, Law (pre-legal), Medicine (pre-medical), Physical Education, Dentistry (pre-dental), Engineering (pre-engineering), Social Service, Christian Ministry, Languages, and Literature, Speech and Dramatics, Industrial and Research Chemistry, Biology, Physics, Recreational Leadership, Personnel Work, Music, and High School Teaching.



OGLEBAY GATES

From the beginning of his college career each student has an individual faculty counselor who is concerned with his total adjustment and development. The counselor and student have the help of specialists on the college staff whose services are always available. When the student selects his major field of study, a member of the staff in that department, usually the department head, is appointed as the student's counselor to direct his academic program. A modern and adequate program of educational and aptitude testing is provided.

DEAN F. H. KIRKPATRICK
COUNSELS WITH STUDENT





COMMENCEMENT HALL AND MAIN BUILDING

DR. B. R. WEIMER
DEAN OF THE FACULTY



Commencement Hall, the Main Building, and Oglebay Hall stand together as one unit but are entirely separate in construction. All are of Collegiate Gothic architecture. Commencement Hall houses the auditorium and the Department of Music. The Main Building contains classrooms, seminar rooms, and laboratories for physics and psychology.

OTOCLAVE AND
HOT AIR STERILIZER
IN BACTERIOLOGY



The laboratories and lecture rooms for chemistry and biology are located in Oglebay Hall.

The general apparatus in science reflects the completeness of the facilities available throughout the college. One faculty member to 12 students makes possible individualization in instructional methods and program.

OGLEBAY HALL





A CLASS IN ORGANIC CHEMISTRY

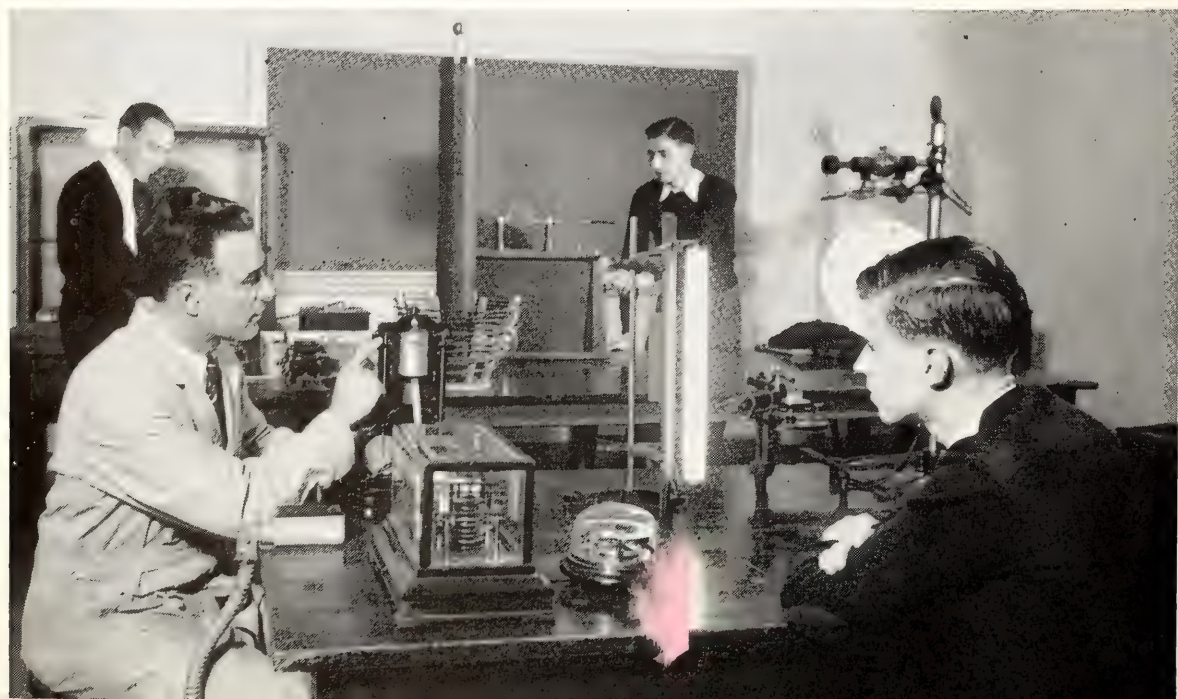


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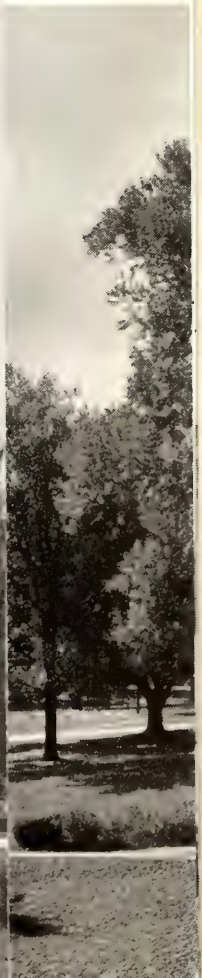


A SEMINAR
IN ENGLISH
LITERATURE



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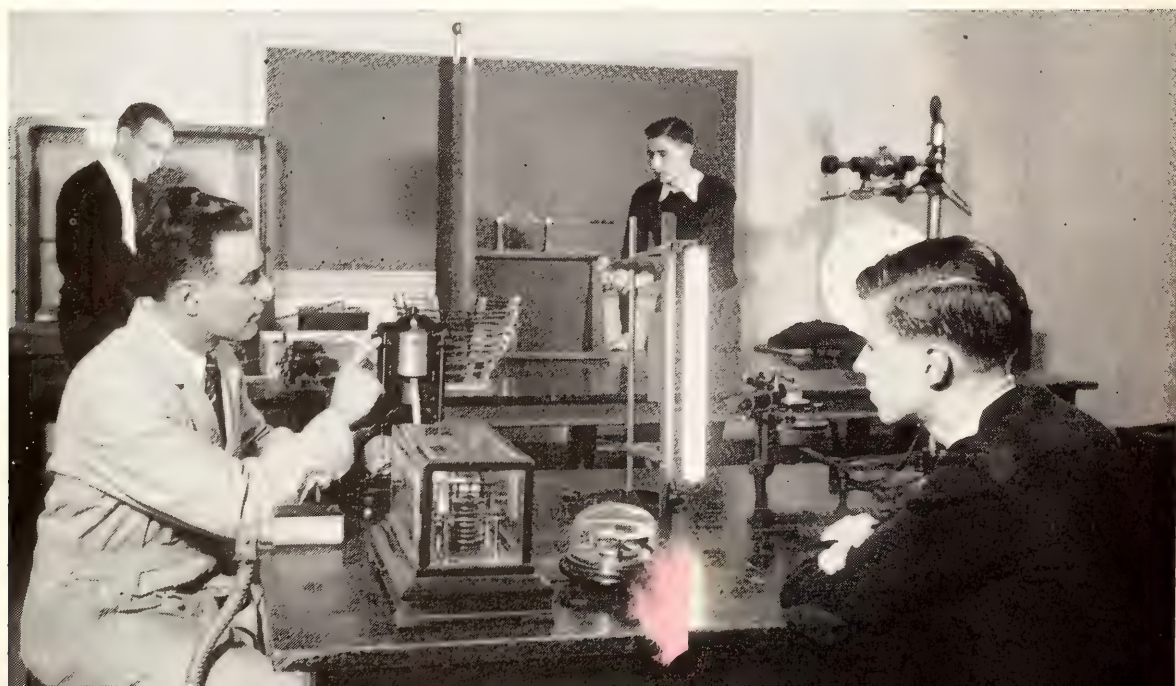


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MICRO-PHOTOGRAPHY

A CLASS IN ELEMENTARY PHYSICS



A SEMINAR
IN ENGLISH
LITERATURE



CARNEGIE LIBRARY





PHILLIPS HALL FOR WOMEN

The college operates three well-appointed dormitories for women and one for men.



ROOM IN PHILLIPS HALL



DRAWING ROOM
SOCIAL CENTER FOR F



COCHRAN HALL FOR MEN

There are four national sororities for women and five national fraternities for men.



PHILLIPS HALL
FACULTY AND STUDENTS



ROOM IN COCHRAN HALL



GATEWAY HALL



A FRATERNITY HOUSE

A SORORITY
RESIDENCE



BETHANY HOUSE—STUDENT CENTER
AND MEN'S DINING HALL



THE BETHANY MEMORIAL CHURCH



THE CHOIR ON
THE CORRIDOR



ACROSS
THE CAMPUS

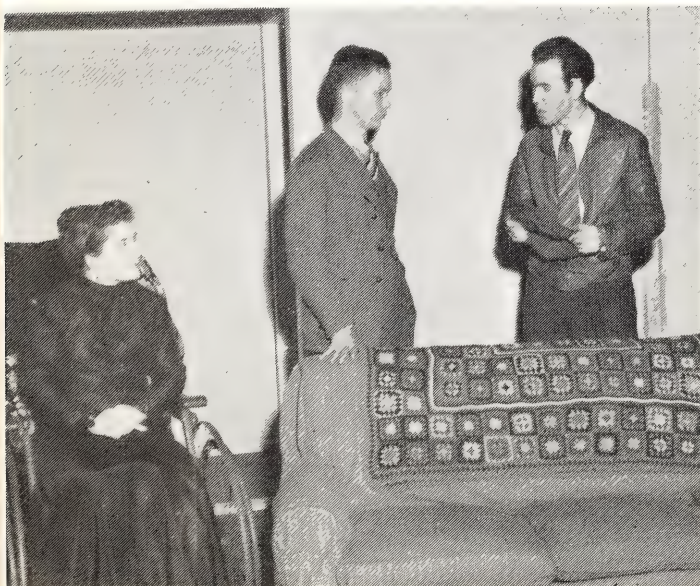


EXPERIMENTAL
PSYCHOLOGY



EXCHANGE STUDENTS
FROM SOUTH AMERICA

DRAMATICS



FINANCE



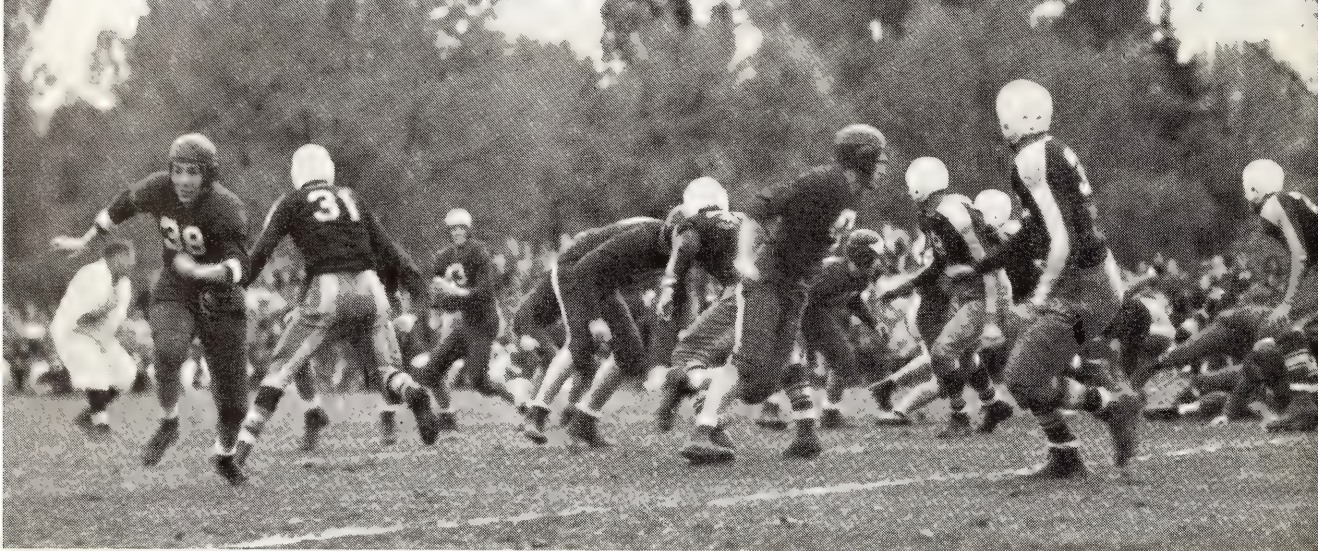
THE FRENCH CLUB



VOICE RECORDING
IN SPEECH CLASS

THE VICTORY MARCH





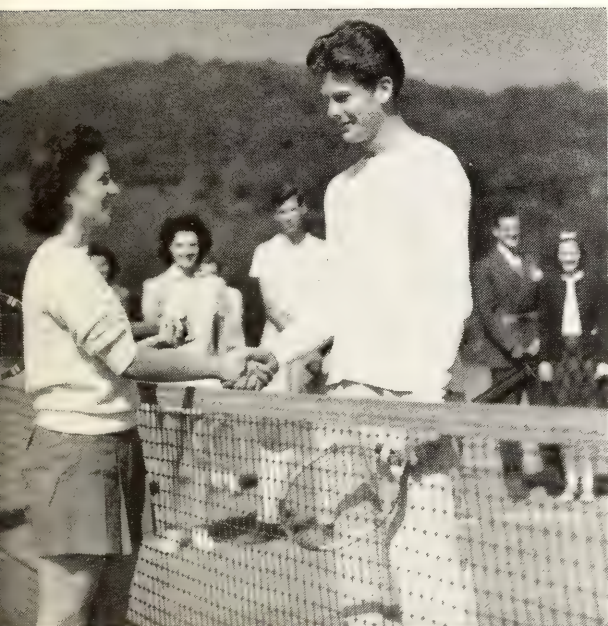
THE BISON IN ACTION ON RINE FIELD

A COMPREHENSIVE sports program provides every student with an opportunity to participate in some form of athletic recreation. Rine Fields and the Irvin Gymnasium offer a varied program throughout the year. Swimming, football, tennis, cross-country, basketball, hockey, boxing, archery, riding, volleyball, socker, handball, track, and baseball are among the sports available at Bethany. The all-weather court, the rifle range, and miles of wooded nature trails are further centers of recreation.



FIVE FIRSTS IN CROSS-COUNTRY

THE IRVIN
GYMNASIUM



A COMPLETE PROGRAM OF SPORTS FOR ALL





ENTRANCE TO MAIN BUILDING

